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(A) Control Switches

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3. Specifications

1) Control Switches..... A-10

6. Product Information

☉ Categorized by size

6.1 Ø16 Control Switches







- 1) Round/Square/Rectangular Push Button Switches (S16PR Series)..... A-28
- 2) Round/Square/Rectangular Selector Switches (S16SR Series)..... A-32
- 3) Round/Square/Rectangular Key Selector Switches (S16KR Series)..... A-38
- 4) Mushroom-head Push Button Switches (S16BR Series)..... A-44
- 5) Emergency Switches (S16ER Series)..... A-45
- 6) Pilot Lights (L16RR Series)..... A-46
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6.2 Ø22/25 Control Switches




- 1) Round/Square Push Button Switches (S2PR Series)..... A-50
- 2) Round Selector Switches (S2SR Series)..... A-56
- 3) Round Key Selector Switches (S2KR Series)..... A-72
- 4) Double Push Button Switches (S2TR Series)..... A-74
- 5) Mushroom-head Push Button Switches (S2BR Series)..... A-75
- 6) Emergency Switches (S2ER Series)..... A-76
- 7) Pilot Lights (L2RR Series)..... A-79
- 8) Panel Cut-out Dimensions..... A-82

☉ Categorized by form




6.1 Push Button Switches

Appearance	Mounting hole	Extended	Extended button	Flush	Half guard	Page
	Ø16 (Round)	Non-illuminated	●	—	—	A-28
		Illuminated	●	—	—	A-28
	Ø16 (Square/Rectangular)	Non-illuminated	—	—	●	A-29
		Illuminated	—	—	●	A-29
	Ø22/25 (Round)	Non-illuminated	●	—	—	A-50
		Illuminated	●	—	—	A-51
	Ø22/25 (Square)	Non-illuminated	●	—	—	A-53
		Illuminated	●	—	—	A-54
	Ø30 (Round)	Non-illuminated	●	—	—	A-84
		Illuminated	—	—	●	A-85
	□30 (Square)	Non-illuminated	—	—	●	A-102
		Illuminated	—	—	●	A-103


6.2 Selector Switches

Appearance	Mounting hole	Short lever	Long lever	Extended	Flush	Page
	Ø16 (Round/Square/Rectangular)	Non-illuminated	●	—	●	A-32
		Illuminated	●	—	●	A-33
	Ø22/25 (Round)	Non-illuminated	●	●	—	A-56
		Illuminated	●	●	—	A-64
	Ø30 (Round)	Non-illuminated	●	●	—	A-86
		Illuminated	●	●	—	A-94

6.3 Key Selector Switches

Appearance	Mounting hole	Extended	Flush	Page
	Ø16 (Round/Square/Rectangular)	●	—	A-38
		—	—	A-38
	Ø22/25 (Round)	●	—	A-72
		—	—	A-72
	Ø30 (Round)	—	●	A-102
		—	—	A-102

6.4 Double Push Button Switches

Appearance	Mounting hole		Extended	Page
	Ø22/25	Illuminated	●	A-74

4. Features

- 1) Push Button Switches..... A-12
- 2) Selector Switches..... A-13
- 3) Key Selector Switches..... A-14
- 4) Double Push Button Switches..... A-15
- 5) Mushroom-head Push Button Switches..... A-15
- 6) Emergency Switches..... A-16
- 7) Pilot Lights..... A-17
- 8) Contact Blocks & LED Blocks..... A-18

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6.3 Ø30 Control Switches

- 1) Round Push Button Switches (S3PR/S3PF Series)..... A-84
- 2) Round Selector Switches (S3SF Series)..... A-86
- 3) Round Key Selector Switches (S3KF Series)..... A-102
- 4) Pilot Lights (L3RF Series)..... A-104
- 5) Panel Cut-out Dimensions..... A-105



6.4 □30 Control Switches

- 1) Square Push Button Switches (SQ3PFS Series)..... A-108
- 2) Pilot Lights (LQ3RF Series)..... A-111
- 3) Panel Cut-out Dimensions..... A-112




6.5 Accessories

- 1) Common Accessories..... A-114
- 2) Accessories by Item..... A-117



6.5 Mushroom-head Push Button Switches

Appearance	Mounting hole	Extended	Flush	Page	
	Ø16	Illuminated	●	—	A-44
		Non-illuminated	●		
	Ø22/25	Non-illuminated	●	—	A-75

6.6 Emergency Switches

Appearance	Mounting hole	Head size	Extended	Flush	Page
	Ø16	Non-illuminated	●	—	A-45
		Illuminated	●	—	A-45
	Ø22/25	Non-illuminated	●	—	A-76
		Illuminated	●	—	A-76
	Ø22/25	Non-illuminated	●	—	A-77
		Illuminated	●	—	A-77
	Ø22/25	Non-illuminated	●	—	A-78
		Illuminated	●	—	A-78

6.7 Pilot Lights

Appearance	Mounting hole	Dome head	Horn head	Flat Round/Square/Rectangular	Extended	Flush	Page
	Ø16	—	—	● (Round/Square/Rectangular)	—	—	A-46
	Ø22/25	●	●	● (Round/Square)	—	—	A-79
	Ø30	—	—	—	● (Round)	—	A-104
	□30	—	—	—	● (Square)	—	A-108

6.8 Accessories

Type	Category	Page
Common Accessories	Contact block, LED block, Switch enclosures, Locking handle for switches	A-114
Accessories by item	Emergency switches nameplates, Protective shrouds for emergency switches, Waterproof cap for Ø22/25 round push button switches, Ø16 Lens Remover, Switch washer	A-117

Product Overview

Switch Color

R : Red **B** : Blue **G** : Green **Y** : Yellow **K** : Black **W** : White **S** : Silver

Push Button Switches

■ S16PR Series (Ø16 Round/Square/Rectangular Push Button Switches)



Type	Push Button Switches					
	Round			Square		Rectangular
	Non-illuminated		Illuminated	Non-illuminated	Illuminated	Non-illuminated
	Extended button			Half guard		Half guard
Mounting hole	Ø16mm					
Model	S16PR-E1 <input type="checkbox"/> S16PR-E2 <input type="checkbox"/>	S16PR-E3 <input type="checkbox"/> S16PR-E4 <input type="checkbox"/>		S16PRS-H1 <input type="checkbox"/> S16PRS-H2 <input type="checkbox"/>	S16PRS-H3 <input type="checkbox"/> S16PRS-H4 <input type="checkbox"/>	S16PRT-H1 <input type="checkbox"/> S16PRT-H2 <input type="checkbox"/> S16PRT-H3 <input type="checkbox"/> S16PRT-H4 <input type="checkbox"/>
Appearance						
Button color	R B G Y W		R B G Y W	R B G Y W	R B G Y W	R B G Y W
Page	A-28			A-29		A-30

■ S2PR Series (Ø22/25 Round/Square Push Button Switches)



Type	Push Button Switches					
	Round			Square		
	Non-illuminated		Illuminated	Non-illuminated	Illuminated	
	Extended	Extended button	Extended	Extended button	Extended	Extended
Mounting hole	Ø22/25mm					
Model	S2PR-P1 <input type="checkbox"/>	S2PR-E1 <input type="checkbox"/>	S2PR (U)-P3 <input type="checkbox"/> *1	S2PR (U)-E3 <input type="checkbox"/> *1	S2PRS-P1 <input type="checkbox"/>	S2PRS (U)-P3 <input type="checkbox"/> *1
Appearance						
Button color	R B G Y K	R B G Y K	R B G Y W	R B G Y W	R B G Y K	R B G Y W
Page	A-50		A-51	A-52	A-53	A-54

*1. Illuminated models without 'U' in the model name contain 'Push' markings on the button cap.

■ S3PR/S3PF Series (Ø30 Round Push Button Switches)



Type	Push Button Switches		
	Round		Illuminated
	Non-illuminated		Flush
	Extended	Flush	Flush
Mounting hole	Ø30mm		
Model	S3PR-P1 <input type="checkbox"/>	S3PF-P1 <input type="checkbox"/>	S3PF (U)-P3 <input type="checkbox"/> *1
Appearance			
Button color	R B G Y K	R B G Y K	R B G Y W
Page	A-84		A-85

*1. Illuminated models without 'U' in the model name contain 'Push' markings on the button cap.

■ SQ3PFS Series (□30 Square Push Button Switches)















Type	Push Button Switches	
	Square	
	Non-illuminated	Illuminated
	Flush	Flush
Mounting hole	□30mm	
Model	SQ3PFS-P1 <input type="checkbox"/>	SQ3PFS (U)-P3 <input type="checkbox"/> *1
Appearance		
Button color	R B G Y K	R B G Y W
Page	A-108	A-109

Selector Switches

■ S16SR Series (Ø16 Round/Square/Rectangular Selector Switches)



Type	Selector Switches					
	Round		Square		Rectangular	
	Non-illuminated	Illuminated	Non-illuminated	Illuminated	Non-illuminated	Illuminated
	Extended/Short lever					
Mounting hole	Ø16mm					
Model	S16SR-S□	S16SR-L□	S16SRS-S□	S16SRS-L□	S16SRT-S□	S16SRT-L□
Appearance						
Lever color						
Page	A-32	A-33	A-34	A-35	A-36	A-37

■ S2SR Series (Ø22/25 Round Selector Switches)



Type	Selector Switches					
	Round					
	Non-illuminated		Illuminated	Non-illuminated		Illuminated
	Extended/Short lever			Extended/Long lever		
Mounting hole	Ø22/25mm					
Model	S2SR-S1/3/5/7/A/C	S2SRN-S1/3/5/7/A/C	S2SRN-L1/3/5/7/A/C	S2SR-S2/4/6/8/B/D	S2SRN-S2/4/6/8/B/D	S2SRN-L2/4/6/8/B/D
Appearance						
Lever color	W R	W R	R B G Y	W R	W R	R B G Y
Page	A-56	A-60	A-64	A-57	A-62	A-68

■ S3SF Series (Ø30 Round Selector Switches)



Type	Selector Switches					
	Round					
	Non-illuminated		illuminated	Non-illuminated		illuminated
	Flush/Short lever			Flush/Long lever		
Mounting hole	Ø30mm					
Model	S3SF-S1/3/5/7/A/C	S3SFN-S1/3/5/7/A/C	S3SFN-L1/3/5/7/A/C	S3SF-S2/4/6/8/B/D	S3SFN-S2/4/6/8/B/D	S3SFN-L2/4/6/8/B/D
Appearance						
Lever color	W R	W R	R B G Y	W R	W R	R B G Y
Page	A-86	A-90	A-94	A-88	A-92	A-98

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

Product Overview

Key Selector Switches

■ S16KR Series

(Ø16 Round/Square/Rectangular Key Selector Switches)



Type	Key Selector Switches		
	Round	Square	Rectangular
Mounting hole	Ø16mm		
Model	S16KR-□	S16KRS-□	S16KRT-□
Appearance			
Body color	K	K	K
Page	A-38	A-40	A-42

■ S2KR Series

(Ø22/25 Round Key Selector Switches)



Type	Key Selector Switches	
	Round	Extended
Mounting hole	Ø22/25mm	
Model	S2KR-□	
Appearance		
Body color	KS	
Page	A-72	

■ S3KF Series

(Ø30 Round Key Selector Switches)



Type	Key Selector Switches	
	Round	Flush
Mounting hole	Ø30mm	
Model	S3KF-□	
Appearance		
Body color	S	
Page	A-102	

Mushroom-head Push Button Switches

■ S16BR Series

(Ø16 Mushroom-head Push Button Switches)



Type	Mushroom-head Push Button Switches	
	Non-illuminated	Illuminated
Mounting hole	Ø16mm	
Model	S16BR-H1□	S16BR-H3□
Appearance		
Button color	R G	R G
Page	A-44	

■ S2BR Series

(Ø22/25 Mushroom-head Push Button Switches)



Type	Mushroom-head Push Button Switches	
	Non-illuminated	Extended
Mounting hole	Ø22/25mm	
Model	S2BR-P1□	
Appearance		
Button color	R G	
Page	A-75	

Double Push Button Switches

■ S2TR Series

(Ø22/25 Double Push Button Switches)



Type	Double Push Button Switches	
	Non-illuminated	Illuminated
Mounting hole	Ø22/25mm	
Model	S2TR-P1□	S2TR-P3□
Appearance		
Page	A-74	

Emergency Switches

■ S16ER Series

(Ø16 Emergency Switches)






Type	Emergency Switches	
	Non-illuminated	Illuminated
Mounting hole	Ø16mm	
Model	S16ER-E1□	S16ER-E3□
Appearance		
Page	A-45	

Emergency Switches

■ S2ER Series (Ø22/25 Emergency Switches)






Type	Emergency Switches				
	D30		D40		D60
	Long head, non-illuminated	Short head, non-illuminated	Short head, non-illuminated	Short head, illuminated	Short head, non-illuminated
Mounting hole	Ø22/25mm				
Model	S2ER-E1	S2ER-E2	S2ER-E3	S2ER-E4	S2ER-E5
Appearance					
Page	A-76		A-77		A-78

Pilot Lights

■ L16RR, L16RRS, L16RRT Series (Ø16 Pilot Lights)



Type	Pilot Lights		
	Flat Round	Flat Square (half guard)	Flat Rectangular (half guard)
	Extended		
Mounting hole	Ø16mm		
Model	L16RR-E	L16RRS-H	L16RRT-H
Appearance			
Light color	R B G Y W	R B G Y W	R B G Y W
Page	A-46	A-47	

■ L2RR Series (Ø22/25 Pilot Lights)




Type	Pilot Lights		
	Dome head	Horn head	Flat Round/Square
	Extended		
Mounting hole	Ø22/25mm		
Model	L2RR-L1	L2RR-L2	L2RR(U)-L3 ^{※1} L2RR(U)-L4 ^{※1}
Appearance			
Light color	R B G Y W	R B G Y W	R B G Y W
Page	A-79	A-80	A-81

※1. Without 'U' in the model name contain 'Lamp' markings on the lamp cap.

■ L3RF Series (Ø30 Pilot Lights)



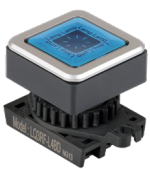
Type	Pilot Lights
	Flat Round Flush
Mounting hole	Ø30mm
Model	L3RF(U)-L3 ^{※1}
Appearance	
Light color	R B G Y W
Page	A-104

※1. Without 'U' in the model name contain 'Lamp' markings on the lamp cap.

※Control unit and contact unit (contact blocks, LED blocks) are sold separately.

■ LQ3RF Series (□30 Pilot Lights)



Type	Pilot Lights
	Flat Square Flush
Mounting hole	□30mm
Model	LQ3RF-L4
Appearance	
Light color	R B G Y W
Page	A-111

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories



Buzzers

Product Overview

Contact Blocks/LED Blocks









SA16-C Series (Contact Blocks for Ø16 Control Switches)



Type	Contact Block	
	B contact	C contact
Model	SA16-CB	SA16-CC
Appearance		
Page	A-114	

SA-C Series (Contact Blocks for Ø22/25, Ø30, □30 Control Switches)







Type	Contact Block			
	Modular type		Singular type	
	A contact	B contact	A contact	B contact
Model	SA-CAM	SA-CBM	SA-CA	SA-CB
Appearance				
Body color				
Page	A-115			

※Contact blocks for Ø22/25, Ø30, □30 control switches are sold separately.






SA16-L Series (LED Blocks for Ø16 Control Switches)



Type	LED Block		
	DC voltage		
Model	SA16-L5□	SA16-L12□	SA16-L24□
Appearance			
LED color			
Page	A-114		

SA-L Series (LED Blocks for Ø22/25, Ø30, □30 Control Switches)



Type	LED Block			
	Modular type LED Block		Singular type LED Block	
	AC/DC voltage	AC voltage	AC/DC voltage	AC voltage
Model	SA-LD□M	SA-LA□M	SA-LD□	SA-LA□
Appearance				
LED color				
Page	A-115			

※LED blocks for Ø22/25, Ø30, □30 control switches are sold separately.

Mounting Hole Ø16

■S16PR Series (Push Button Switches)



■S16KR Series (Key Selector Switches)



■S16ER Series (Emergency Switches)



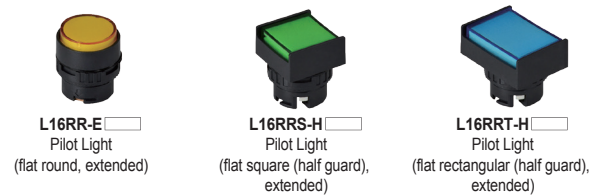
■S16SR Series (Selector Switches)



■S16BR (Mushroom-head Push Button Switches)

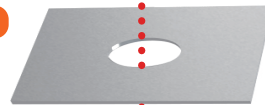


■L16RR, L16RRS, L16RRT Series (Pilot Lights)



Mounting panel

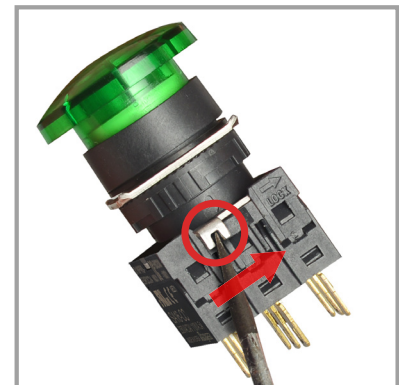
Ø16



Housing

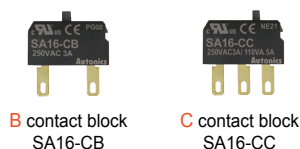


※Mounting housing

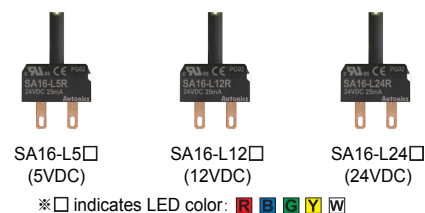


Contact Block / LED Block

■SA16-C Series (contact blocks)



■SA16-L Series (LED blocks)



Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

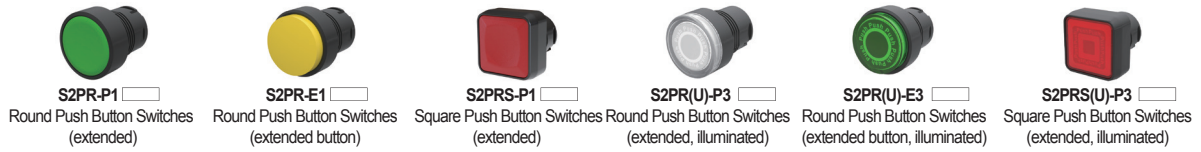
Pilot Lights

Accessories

Buzzers

Mounting Hole Ø22/25

■ S2PR Series (Push Button Switches)



■ S2SR Series (Selector Switches)



■ S2KR Series (Key Selector Switches)



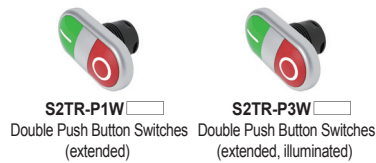
■ S2ER Series (Emergency Switches)



■ S2BR (Mushroom-head Push Button Switches)



■ S2TR Series (Double Push Button Switches)



■ L2RR Series (Pilot Lights)



Mounting Hole Ø30

■ S3PR/S3PF Series (Round Push Button Switches)



■ S3KF Series (Key Selector Switch)



■ L3RF Series (Pilot Light)



■ S3SF Series (Selector Switch)

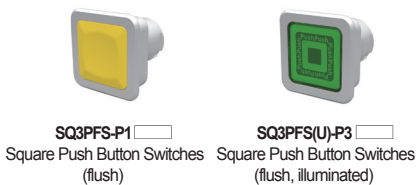


■ S3SFN Series (Selector Switch)



Mounting Hole □30

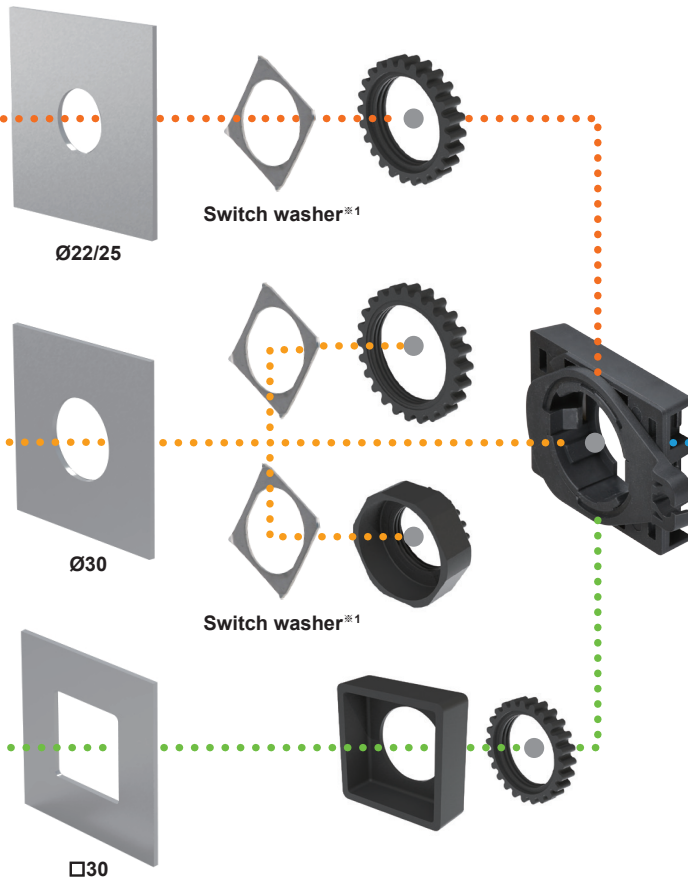
■ SQ3PFS Series (Square Push Button Switches)



■ LQ3RF Series (Pilot Light)



Mounting Panel



Contact Block/LED Block

■SA-C Series (Contact Block)



Modular type
A contact block
SA-CAM



Modular type
B contact block
SA-CBM



Singular type
A contact block
SA-CA



Singular type
B contact block
SA-CB

■SA-L Series (LED Block)



Modular type LED Block
SA-LD□M (12-24VAC/VDC) SA-LA□M (110-220VAC)



Singular type LED Block
SA-LD□ (12-24VAC/VDC) SA-LA□ (110-220VAC)

※ 1. Switch washer is sold separately.
Ø22/25: SA-SW2
Ø30: SA-SW3

※ □ indicates LED color: ■ ■ ■ ■ (no-mark)

※ Control unit and contact unit (contact block, LED block) are sold separately.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights














Accessories

Buzzers

Specifications

Specifications
















Mounting hole Ø16 Control Switches

Type			Push Button Switches			Selector Switches			Key Selector Switches			Mushroom-head Push Button Switches	Emergency Switches	Pilot Lights			
			Round	Square	Rectangular	Round	Square	Rectangular	Round	Square	Rectangular			Round	Square	Rectangular	
																	
Mechanical characteristics	Actuation distance		3mm			—						3mm	2 to 4mm	—			
	Actuation angle		—			2-position: 90°±5°, 3-position: 45°±5°						—	35°±7°	—			
	Actuation force		0.2 to 0.35kgf (2 to 3.5N)			20 to 120N·mm						0.2 to 0.35kgf (2 to 3.5N)	1.7 to 4.7kgf (17 to 47N)	—			
	Shock	Mechanical	500m/s ² (approx. 30G) X, Y, Z in each X, Y, Z direction for 3 times														
		Malfunction	100m/s ² (approx. 30G) X, Y, Z in each X, Y, Z direction for 3 times														
	Vibration	Mechanical	1.5mm amplitude at frequency of 10 to 55Hz (for 1 min) in each X, Y, Z direction for 2 hours														
		Malfunction	1.5mm amplitude at frequency of 10 to 55Hz (for 1 min) in each X, Y, Z direction for 10 minutes														
Mechanical life cycle (control unit life cycle)		Returned: Min. 1,000,000 operations (20 operations/min) Maintained: Min. 200,000 operations (20 operations/min)			Min. 250,000 operations (20 operations/min)						Min. 1,000,000 operations (20 operations/min)	Min. 100,000 operations (20 operations/min)	—				
Contact block	Electrical	Power voltage/current		250VAC~/3A											—		
		Dielectric strength		2,000VAC 50/60Hz for 1 min (between other polarity), 1,000VAC 50/60Hz for 1 min (between same polarity)											—		
		Insulation resistance		Over 100MΩ (at 500VDC megger)											—		
		Contact resistance		Max. 50mΩ (initial value)											—		
		Electrical life cycle		Min. 100,000 operations (20 operations/min)											—		
		Contact material		AgNi10											—		
	Mechanical	Terminal	Tensile force	Max. 30N											—		
Soldering time			At the end of tips within 3 sec with 350°C (30W: soldering machine)											—			
LED block	Power supply		5/12/24VDC=						—			5/12/24VDC=					
	Current consumption						Red		Blue		Green		Yellow		White		
			SA16-L5□ (5VDC=)				6 to 9mA		10 to 14mA		5 to 7mA		12 to 16mA		10 to 14mA		
			SA16-L12□ (12VDC=)				9 to 14mA		10 to 15mA		5 to 9mA		10 to 16mA		9 to 14mA		
		SA16-L24□ (24VDC=)				15 to 20mA		20 to 26mA		16 to 22mA		27 to 35mA		23 to 30mA			
Environment ^{※1}	Ambient temperature		-15 to 55 °C, storage: -25 to 65 °C														
	Ambient humidity		35 to 85%RH, storage: 35 to 85%RH														
Protection structure			IP65 (IEC standard, except contact part)														
Approval			UL (IEC-60947-5-1), cULus (pilot lights, LED blocks are except UL certifications)														
Weight	Body		Approx. 3.8g	Approx. 4.4g	Approx. 5.1g	Approx. 6.6g	Approx. 6.8g	Approx. 7.7g	Approx. 16.0g	Approx. 16.2g	Approx. 17.1g	Approx. 4.1g	Approx. 11.5g	Approx. 3.9g	Approx. 4.5g	Approx. 5.2g	
	Housing		Approx. 1.4g														
	Contact Block		Approx. 1.6g														
	LED Block		Approx. 1.9g														

※1. Environment resistance is rated no freezing or condensation.

Specifications

Mounting hole Ø22/25, Ø30, □30 Control Switches

Type			Push Button Switches		Selector Switches	Key Selector Switches	Double push button switches	Start push button switches	Emergency Switches	Pilot Lights	
			Round	Square	Round	Round					
											
Mechanical characteristics	Actuation distance		5.0 to 5.5mm		—		5.0 to 5.5mm			—	
	Actuation angle		—		2-position: [Spring return] 60°±5°, 90°±5° [Maintained] 90°±5° 3-position: [Spring return] 60°±5°, 45°±5° [Maintained] 90°±5°, 45°±5°	2-position: [Spring return] 60°±5° [Maintained] 90°±5° 3-position: [Spring return] 60°±5° [Maintained] 90°±5°	—		40°±7°	—	
	Actuation force		0.5kgf (4.9N) (per 1 contact)								—
	Shock	Mechanical	300m/s ² (approx. 30G) X, Y, Z in each X, Y, Z direction for 3 times								
		Malfunction	100m/s ² (approx. 10G) X, Y, Z in each X, Y, Z direction for 3 times								
	Vibration	Mechanical	1.5mm amplitude at frequency of 10 to 55Hz (for 1 min) in each X, Y, Z direction for 2 hours								
		Malfunction	1.5mm amplitude at frequency of 10 to 55Hz (for 1 min) in each X, Y, Z direction for 10 minutes								
	Mechanical life cycle (control unit life cycle)		Returned: Min. 1,000,000 operations (20 operations/min)		Min. 100,000 operations (20 operations/min)		Min. 1,000,000 operations (20 operations/min)		Min. 100,000 operations (20 operations/min)	—	
Contact block	Electrical	Power voltage/current		110VAC~/10A, 250VAC~/6A							
		Dielectric strength		2,500VAC 50/60Hz for 1 min							
		Insulation resistance		Over 1,000MΩ (at 500VDC megger)							
		Contact resistance		Max. 20mΩ (initial value)							
		Electrical life cycle		Min. 100,000 operations (20 operations/min)							
		Contact material		AgNi10							
LED block	Power supply		AC/DC voltage type: 12-24VAC~ 50/60Hz, 12-24VDC=, AC voltage type: 110-220VAC~ 50/60Hz								
	Current consumption		Max. 20mA								
Environment ^{※1}	Ambient temperature		-15 to 55°C, storage : -25 to 65°C								
	Ambient humidity		35 to 85%RH, storage : 35 to 85%RH								
Protection structure			IP52 (IEC standard, except contact part (IP65 protection structure with waterproof cap for ø22/25 round push button switches, IP50 protection structure for double push button switches))								
Approval			    (pilot lights and LED blocks are except  certifications, emergency switches are except   certifications)								
Weight	Mounting hole	ø22/25	Approx. 14.5g	Approx. 15.5g	Standard: Approx. 19g Shark-head: Approx. 16g	Approx. 37g	Approx. 14.5g	Approx. 21g	D30:Approx. 22.5g D40:Approx. 22.5g D60:Approx. 27g	Approx. 15.5g	
		ø30	Approx. 21.5g	—	Standard: Approx. 23.5g Shark-head: Approx. 21g	Approx. 41g	—	—	—	Approx. 22g	
		□30	—	Approx. 22g	—	—	—	—	—	—	
	Housing		Approx. 7g								
	Contact block	Modular type A/B contact	Approx. 10g								
		Singular type A/B contact	Approx. 11g								
	LED block	AC/DC voltage type	Approx. 11g								
		AC voltage type	Approx. 12g								

※1. Environment resistance is rated no freezing or condensation.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

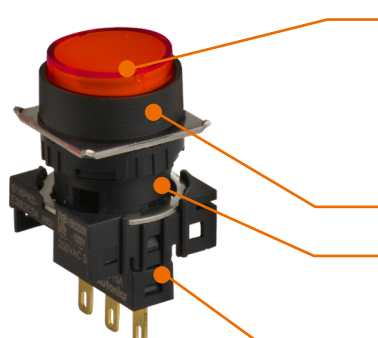
Buzzers

Features

■ Features

Push Button Switches

⦿ Mounting hole Ø16 Push Button Switches



Various Head Types
Good operation feeling by curved head

- Round: Extended button
- Square, Rectangular: Half guard

Diverse, Vibrant Colors
Red, Blue, Green, Yellow, White (same color LED as button caps)

IP65 Protection Structure for Button



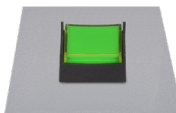
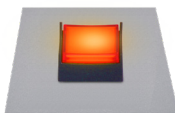


Mounting Panel

- Panel thickness up to 3.5mm
- Mounting hole: Ø16mm

Minimized Rear Length Slim panel mounting by 32% shortened rear length than previous switches

Compact Block Compact size as 19.5mm when mounting 3 blocks

■ Head type

Round		Square		Rectangular	
Non-illuminated	Illuminated	Non-illuminated	Illuminated	Non-illuminated	Illuminated
Extended button		Half guard			
					

⦿ Mounting hole Ø22/25, Ø30, □30 Push Button Switches



Diverse, Vibrant Colors

- Non-illuminated : Red, Blue, Green, Yellow, Black
- Illuminated : Red, Blue, Green, Yellow, White(same color LED as button caps)

Various Head Types

- Round: Extended, Flush, Extended button
- Square: Extended, Flush

Letter Marking (Only for illuminated type)

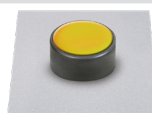


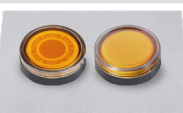


- Round: 'Push' marking
- Square: 'Push'/Arrow marking




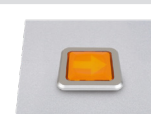
IP52 Protection Structure for Button
Ø22/25 Extended Round Push Button Switches (S2PR Series)
: IP65 with the dedicated waterproof cap (model: SA-WP, SA-WL)

Mounting Panel

- Panel thickness up to 6mm
- Round: Mounting hole Ø22/25mm, Ø30mm
- Square: Ø22/25mm, □30mm

■ Head type

Round					
Non-illuminated			Illuminated		
Extended	Extended button	Flush	Extended	Extended button	Flush
					

Square			
Non-illuminated		Illuminated	
Extended	Flush	Extended	Flush
			

Selector Switches

Mounting hole Ø16 Selector Switches



Various Operation Positions

- 2-position: Spring return, Maintained
- 3-position: Spring return two-way, maintained, spring return from right, spring return from left

Diverse, Vibrant Colors

Red, Blue, Green, Yellow, White (same color LED as button caps)

Various Head Types

Round, Square, Rectangular: Extended/Short lever

IP65 Protection Structure for Selector

Mounting Panel

- Panel thickness up to 3.5mm
- Mounting hole : Ø16mm

Minimized Rear Length

Slim panel mounting by 32% shortened rear length than previous switches

Compact Block

Compact size as 19.5mm when mounting 3 blocks

Head type

Round		Square		Rectangular	
Non-illuminated	Illuminated	Non-illuminated	Illuminated	Non-illuminated	Illuminated
Short lever Extended					

Mounting hole Ø22/25, Ø30 Selector Switches



Various Operation Positions

- 2-position : Spring return, Maintained
- 3-position : Spring return two-way, maintained, spring return from right, spring return from left

Diverse, Vibrant Colors

- Non-illuminated : Red, White
- Illuminated : Red, Blue, Green, Yellow, White(same color LED as button caps)

Various Head/Lever Types

Extended/Flush, Standard/Shark-head lever, Short lever/Long lever

IP52 Protection Structure for Selector

Mounting Panel

- Panel thickness up to 6mm
- Mounting hole : Ø22/25mm, Ø30mm

Head type

Round					
Non-illuminated					
Standard short lever, extended	Standard long lever, extended	Short shark-head lever, extended	Long shark-head lever, extended	Standard short lever, flush	Standard long lever, flush
Round					
Non-illuminated		Illuminated			
Short shark-head lever, flush	Long shark-head lever, flush	Short shark-head lever, extended	Long shark-head lever, extended	Short shark-head lever, flush	Long shark-head lever, flush

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

Key Selector Switches

⦿ Mounting hole Ø16 Key Selector Switches



Various Key Removal Positions

Left, Left+Right, Left+Center+Right, Right, Center, Center+Right, Left+Center

Various Operation Positions

- 2-position : Spring return / Maintained
- 3-position : Spring return two-way, maintained, spring return from right, spring return from left

Various Head Types

Round, Square, Rectangular: Extended

IP65 Protection Structure for Selector

Mounting Panel

- Panel thickness up to 3.5mm
- Mounting hole : Ø16mm

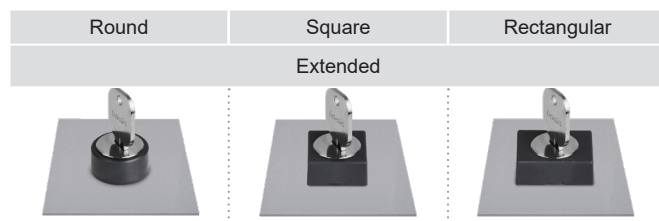
Minimized Rear Length

Slim panel mounting by 32% shortened rear length than previous switches

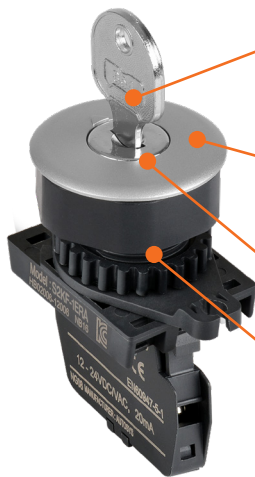
Compact Block

Compact size as 19.5mm when mounting 3 blocks

■ Head type



⦿ Mounting hole Ø22/25, Ø30 Key Selector Switches



Various Key Removal Positions

Left, Left+Right, Left+Center+Right, Right, Center, Center+Right, Left+Center

Various Operation Positions

- 2-position : Spring return/Maintained
- 3-position : Spring return two-way, maintained, spring return from right, spring return from left

Two Colors

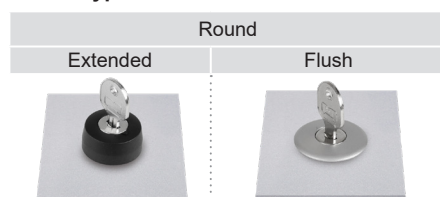
- Extended: Silver, Black
- Flush: Silver

IP52 Protection Structure for Selector

Mounting Panel

- Panel thickness up to 6mm
- Mounting hole : Ø22/25mm, Ø30mm

■ Head type



Double Push Button Switches

⦿ Mounting hole Ø22/25 Double Push Button Switches

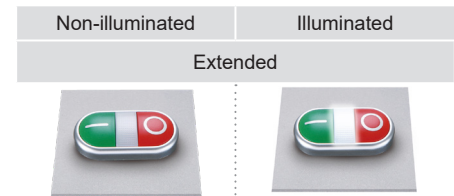


IP50 Protection Structure for Button

Mounting Panel

- Panel thickness up to 6mm
- Mounting hole : Ø22/25mm

■ Head type



Mushroom-head Push Button Switches

⦿ Mounting hole Ø16 Mushroom-head Push Button Switches



Two Colors Red, Green

IP65 Protection Structure for Button

Mounting Panel

- Panel thickness up to 3.5mm
- Mounting hole : Ø16mm

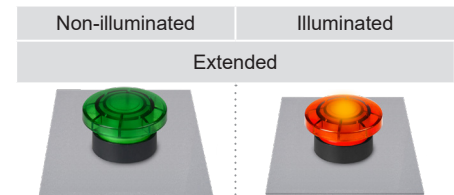
Minimized Rear Length

Slim panel mounting by 32% shortened rear length than previous switches

Compact Block

Compact size as 19.5mm when mounting 3 blocks

■ Head type



⦿ Mounting hole Ø22/25 Mushroom-head Push Button Switches



Two Colors

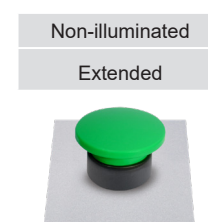
Red, Green

IP52 Protection Structure for Button

Mounting Panel

- Panel thickness up to 6mm
- Mounting hole : Ø22/25mm

■ Head type



Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

Features

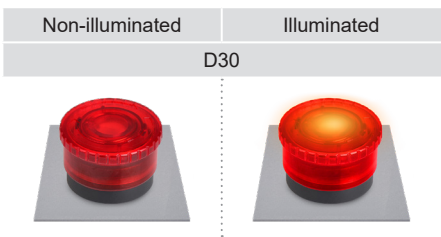
Emergency Switches

⦿ Mounting hole Ø16 Emergency Switches

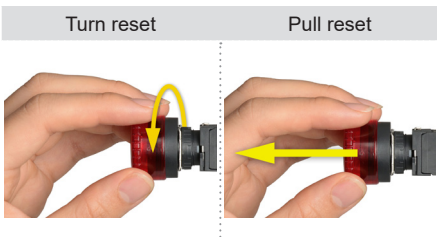


- Head Size** D30
- Two Reset Methods** Push-Lock, Turn/Pull-Reset
- IP65 Protection Structure for Button**
- Mounting Panel**
 - Panel thickness up to 3.5mm
 - Mounting hole : Ø16mm
- Minimized Rear Length** Slim panel mounting by 32% shortened rear length than previous switches
- Compact Block** Compact size as 19.5mm when mounting 3 blocks

■ Head type



■ Reset Methods

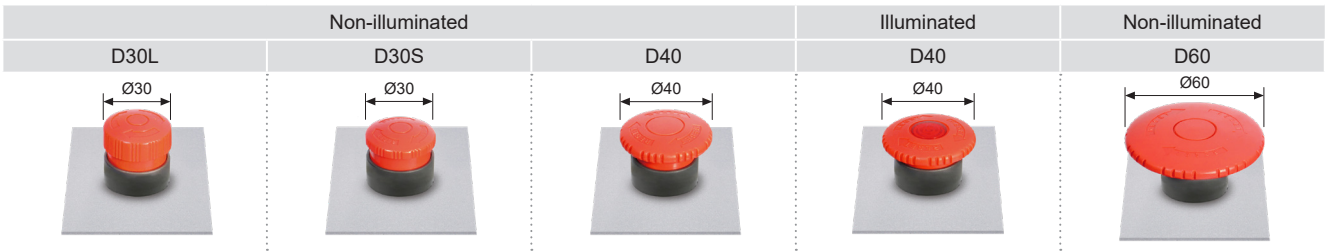


⦿ Mounting hole Ø22/25 Emergency Switches



- Various Head Size** D30L, D30S, D40, D40 (illuminated), D60
- IP52 Protection Structure for Button**
- Mounting Panel**
 - Panel thickness up to 6mm
 - Mounting hole : Ø22/25mm

■ Head type



Pilot Lights

Mounting hole Ø16 Pilot Lights



Various Head Type

Flat Round, Flat Square(Half guard), Flat Rectangular(Half guard)

Diverse, Vibrant Colors

Red, Blue, Green, Yellow, White (same color LED as button caps)

IP65 Protection Structure for Head

Mounting Panel

- Panel thickness up to 3.5mm
- Mounting hole : Ø16mm

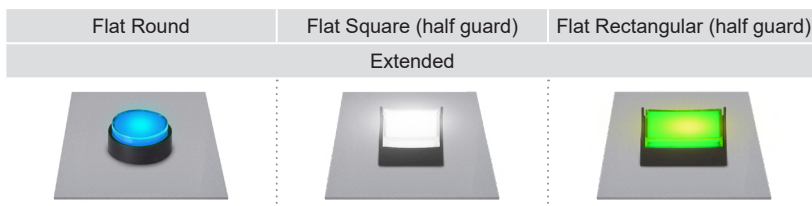
Minimized Rear Length

Slim panel mounting by 32% shortened rear length than previous switches

Compact Block

Compact size as 19.5mm when mounting 3 blocks

Head type



Mounting hole Ø22/25, Ø30, □30 Pilot Lights



Various Head Types

Dome head, Horn head, Flat Round(extended/flush), Flat Square(extended/flush)

Diverse, Vibrant Colors

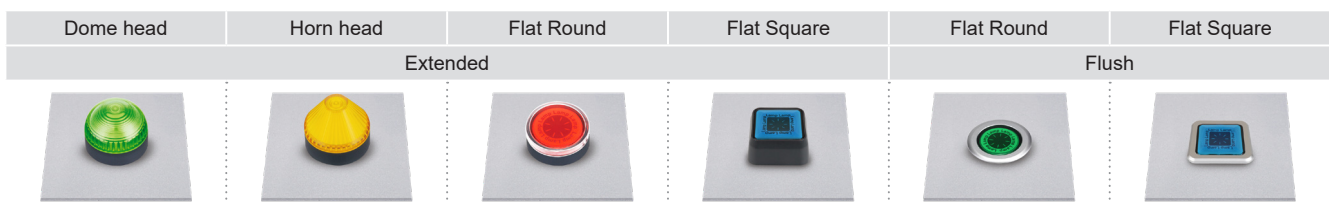
Red, Blue, Green, Yellow, White (same color LED as lamp head)

IP52 Protection Structure for Head

Mounting Panel

- Panel thickness up to 6mm
- Mounting hole : Ø22/25mm, Ø30mm, □30mm

Head type



Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

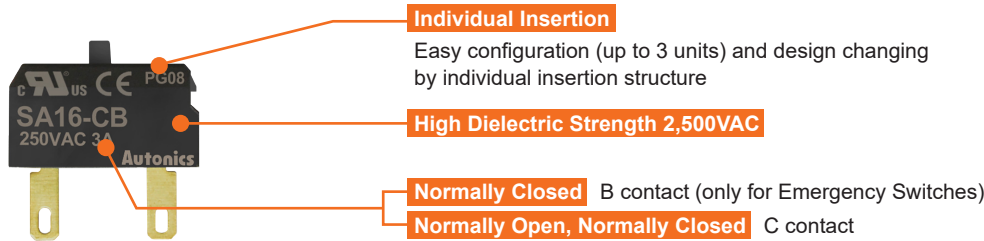
Accessories

Buzzers

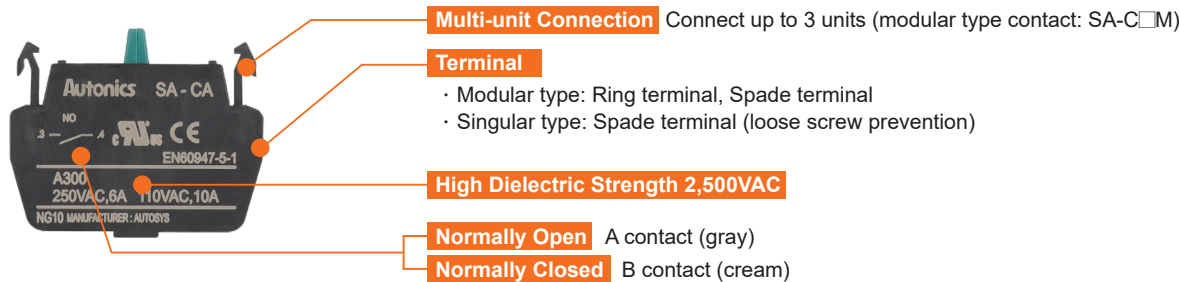
Features

Contact Blocks/LED Blocks

Contact Blocks for Mounting hole Ø16 Control Switches

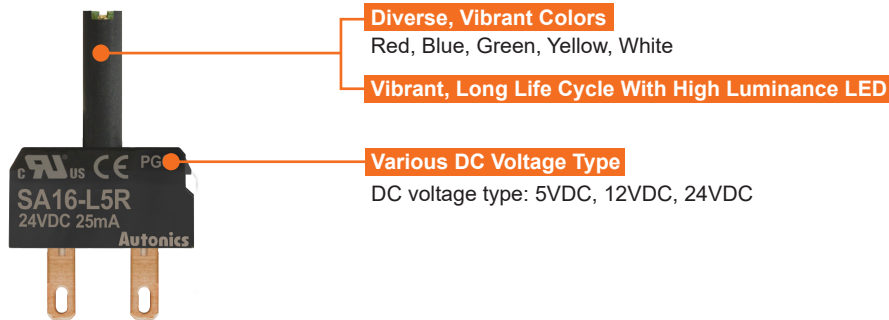


Contact Blocks for Mounting hole Ø22/25, Ø30, □30 Control Switches

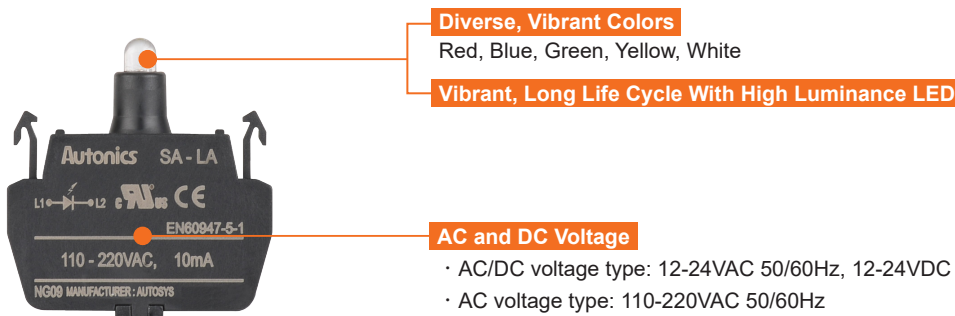


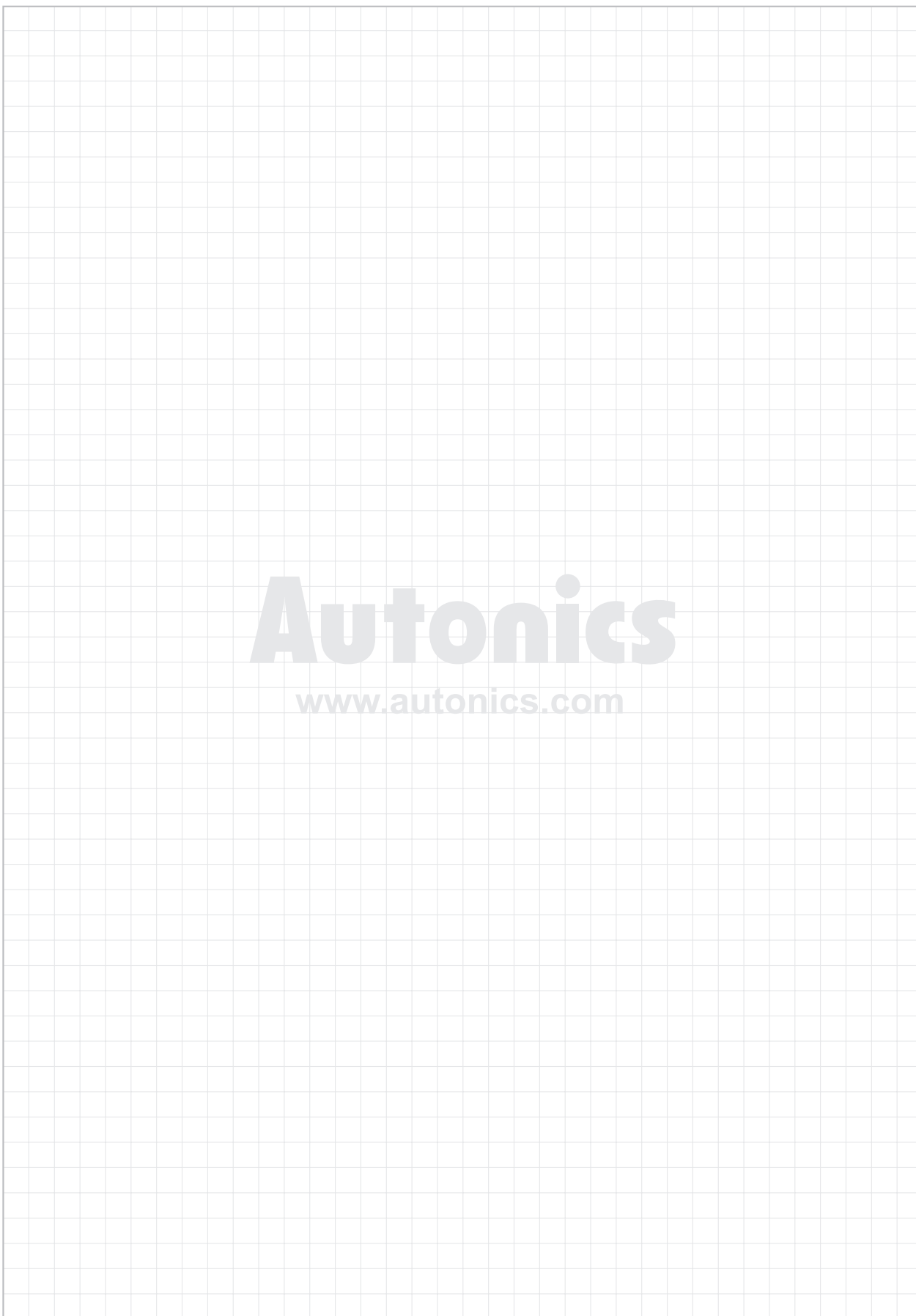
Type	Loose screw prevention	Applicable terminals		Multi-unit connection
		Spade terminal	Ring terminal	
Singular type	○			Not available ※Dust-resistant contact points
Modular type	×			 <2 units connection> <3 units connection>

LED Blocks for Mounting hole Ø16 Control Switches



LED Blocks for Mounting hole Ø22/25, Ø30, □30 Control Switches





Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

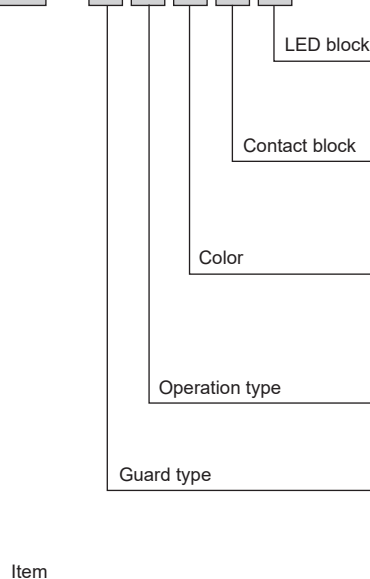
Ordering Information

Ordering Information

Push Button Switches

Mounting hole Ø16 push button switches

S16PR – **E** **1** **R** **C**



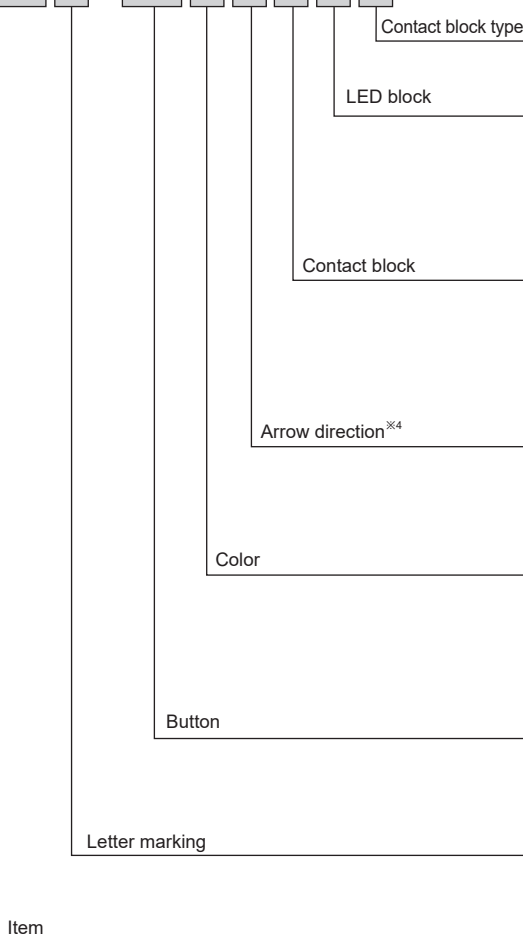
No mark	None
5 ^{※2}	5VDC
12 ^{※2}	12VDC
24 ^{※2}	24VDC
C	C contact: 1
2C	C contact: 2
3C ^{※1}	C contact: 3
R	Red
B	Blue
G	Green
Y	Yellow
W	White
1	Returned
2	Maintained
3	Returned (illuminated)
4	Maintained (illuminated)
S16PR	E Extended
S16PRS S16PRT	H Half guard
S16PR	Mounting hole Ø16 round push button switches
S16PRS	Mounting hole Ø16 square push button switches
S16PRT	Mounting hole Ø16 rectangular push button switches

※1: Only for non-illuminated type.

※2: Only for illuminated type.

Mounting hole Ø22/25 push button switches

S2PR – **P1** **R** **A** **M**



No mark	Singular type
M	Modular type
No mark	None
D ^{※2}	AC/DC voltage type
L ^{※2}	AC voltage type
A	A contact: 1
2A	A contact: 2
3A ^{※3}	A contact: 3
B	B contact: 1
2B	B contact: 2
3B ^{※3}	B contact: 3
AB	A contact: 1, B contact: 1
2AB ^{※3}	A contact: 2, B contact: 1
A2B ^{※3}	A contact: 1, B contact: 2
No mark	Standard (no printing)
L	Arrows (Left/Right)
U	Arrows (Up/Down)
R	Red
B	Blue
G	Green
Y	Yellow
K ^{※3}	Black
W ^{※2}	White
S2PR	P1 Extended
	P3 Extended (illuminated)
	E1 Extended button
	E3 Extended button (illuminated)
S2PRS	P1 Extended
	P3 Extended (illuminated)
Non-illuminated	No mark None (no printing)
Illuminated	No mark Marking (Push)
	U ^{※1} None (no printing)
S2PR	Mounting hole Ø22/25 round push button switches
S2PRS	Mounting hole Ø22/25 square push button switches

※1: This item is sold only switch head and body. Please order contacts separately.

※2: Only for illuminated type.

※3: Only for non-illuminated type.

※4: Only for S2PRS extended (illuminated) type.

Mounting hole Ø30, □30 push button switches

S3PR	P1	R	A	M
Item				
Letter marking				
Button				
Color				
Arrow direction ^{※4}				
Contact block				
LED block				
Contact block type				
No mark		Singular type		
M		Modular type		
No mark		None		
D ^{※2}		AC/DC voltage type		
L ^{※2}		AC voltage type		
A		A contact: 1		
2A		A contact: 2		
3A ^{※3}		A contact: 3		
B		B contact: 1		
2B		B contact: 2		
3B ^{※3}		B contact: 3		
AB		A contact: 1, B contact: 1		
2AB ^{※3}		A contact: 2, B contact: 1		
A2B ^{※3}		A contact: 1, B contact: 2		
No mark		Standard (no printing)		
L		Arrows (Left/Right)		
U		Arrows (Up/Down)		
R		Red		
B		Blue		
G		Green		
Y		Yellow		
K ^{※3}		Black		
W ^{※2}		White		
S3PR	P1	Extended		
S3PF	P1	Flush		
SQ3PFS	P3	Flush (illuminated)		
Non-illuminated		No mark		
No mark		None (no printing)		
Marking (Push)		No mark		
U ^{※1}		None (no printing)		
S3PR		Mounting hole Ø30 round push button switches (extended)		
S3PF		Mounting hole Ø30 round push button switches (flush)		
SQ3PFS		Mounting hole □30 square push button switches		

※1: This item is sold only switch head and body. Please order contacts separately.

※2: Only for illuminated type.

※3: Only for non-illuminated type.

※4: Only for SQ3PFS flush (illuminated) type.

Selector Switches

Mounting hole Ø16 selector switches

S16SR	S	1	R	C
Item				
Operating position				
Operation angle				
Color				
Contact block				
LED block				
No mark		None		
5 ^{※2}		5VDC		
12 ^{※2}		12VDC		
24 ^{※2}		24VDC		
C ^{※1}		C contact: 1		
2C		C contact: 2		
R		Red		
B		Blue		
G		Green		
Y		Yellow		
W		White		
No mark		Left: 45°, Right: 45°		
1		2-position, spring return		
2		2-position, maintained		
3		3-position, spring return two-way		
4		3-position, maintained		
5		3-position, spring return from right		
6		3-position, spring return from left		
S		Non-illuminated		
L		Illuminated		
S16SR		Mounting hole Ø16 round selector switches		
S16SRS		Mounting hole Ø16 square selector switches		
S16SRT		Mounting hole Ø16 rectangular selector switches		

※1: Only for 2-position type.

※2: Only for illuminated type.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

Ordering Information

⦿ Mounting hole Ø22/25, Ø30 selector switches

S2SR		—	S	1		R	A		M																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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※1: Only for shark-head lever type.

※2: Only for standard lever type.

※3: Only for illuminated type.

※4: Only for non-illuminated type.

Key Selector Switches

● **Mounting hole Ø16 key selector switches**

S16KR		—	1	A	K	C		
						Contact block	C※2	C contact: 1
						Color	2C	C contact: 2
							K	Black
							A	Left
							B	Left+Right
						Key removal position	C※1	Left+Center+Right
							D	Right
							E※1	Center
							F※1	Center+Right
							G※1	Left+Center
							1	2-position, spring return
							2	2-position, maintained
						Operating position	3	3-position, spring return two-way
							4	3-position, maintained
							5	3-position, spring return from right
							6	3-position, spring return from left
						Item	S16KR	Mounting hole Ø16 round key selector switches
							S16KRS	Mounting hole Ø16 square key selector switches
							S16KRT	Mounting hole Ø16 rectangular key selector switches

※1. Only for 3-position type.

※2. Only for 2-position type.

● Mounting hole Ø22/25, Ø30 key selector switches

S2KR	—	1	A	K	A	M
					Contact block type	No mark Singular type
						M Modular type
					Contact block	A ^{*3} A contact: 1
						2A A contact: 2
						B ^{*3} B contact: 1
						2B B contact: 2
						AB A contact: 1, B contact: 1
				Color		K ^{*2} Black
						S Silver
			Key removal position			A ^{*1} Left
						B ^{*1} Left+Right
						C ^{*1} Left+Center+Right
						D Right
						E Center
						F Center+Right
						G ^{*1} Left+Center
		Operating position				1 2-position, spring return
						2 2-position, maintained
						3 3-position, spring return two-way
						4 3-position, maintained
						5 3-position, spring return from right
						6 3-position, spring return from left
Item						S2KR Mounting hole Ø22/25 round key selector switches (extended)
						S3KF Mounting hole Ø30 round key selector switches (flush)

※1. Only for 3-position type.

※2. Only for mounting hole $\phi 22/25$ round key selector switches.

※3. Only for 2-position type.

Ordering Information

Double Push Button Switches

Mounting hole Ø22/25 double push button switches

S2TR	—	P3W	AB	D	M	
Item	Button	Contact Block	LED block	Contact block type	No mark	Singular type
					M	Modular type
			LED block		No mark	None
					D	AC/DC voltage type
					L	AC voltage type
					2A	A contact: 2
					2B	B contact: 2
					AB	A contact: 1, B contact: 1
					P3W	Extended (illuminated)
					P1W	Extended (non-illuminated)
					S2TR	Mounting hole Ø22/25 Double Push Button Switches

Mushroom-head Push Button Switches

Mounting hole Ø16 mushroom-head push button switches

S16BR

H

1

R

C

Item

Head size

Illuminated

Color

Contact block

LED block

No mark	None
5※2	5VDC
12※2	12VDC
24※2	24VDC
C	C contact: 1
2C	C contact: 2
3C※1	C contact: 3
R	Red
G	Green
1	Non-illuminated
3	Illuminated
H	Ø23.5
S16BR	Mounting hole Ø16 mushroom-head push button switches

※1: Only for non-illuminated type.

※2: Only for illuminated type.

Mounting hole Ø22/25 mushroom-head push button switches

S2BR	—	P1	R	A	M	
Item	Button	Color	Contact block	Contact block type	No mark	Singular type
					M	Modular type
					A	A contact: 1
					2A	A contact: 2
					3A	A contact: 3
					B	B contact: 1
					2B	B contact: 2
					3B	B contact: 3
					AB	A contact: 1, B contact: 1
					2AB	A contact: 2, B contact: 1
					A2B	A contact: 1, B contact: 2
					R	Red
					G	Green
					P1	Extended
					S2BR	Mounting hole Ø22/25 mushroom-head push button switches

Emergency Switches

Mounting hole Ø16 emergency switches

S16ER	—	E	1	R	B	
LED block						
Contact block						
Color						
Illuminated						
Operating position						
Item						

Ordering Information

Pilot Lights

Mounting hole Ø16 pilot lights

Item	L16RR	—	E	R	LED block	No mark	None	
						5	5VDC	
						12	12VDC	
						24	24VDC	
					Color	R	Red	
						B	Blue	
						G	Green	
						Y	Yellow	
						W	White	
				Guard type	Round	E	Extended	
					Square, Rectangular	H	Half guard	
Head type	No mark						Round	
							Square	
							Rectangular	
							Mounting hole Ø16 pilot lights	

Mounting hole Ø22/25, Ø30, □30 pilot lights

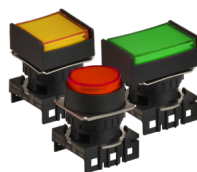
Item	L2RR	—	L1	R	D	M	LED block type	No mark	Singular type	
								M	Modular type	
							LED block	D	AC/DC voltage type	
								L	AC voltage type	
							Color	R	Red	
								B	Blue	
								G	Green	
								Y	Yellow	
								W	White	
	Light type							L2RR	L1	Dome head (extended)
									L2	Horn head (extended)
									L3	Flat round (extended)
									L4	Flat square (extended)
Letter marking	L3RF								L3	Flat round (flush)
										Flat square (flush)
	LQ3RF								L4	Flat square (flush)
Dome/ Horn head type	No mark								No mark	None (no printing)
										Marking (Lamp)
										None (no printing)
Flat type	No mark								No mark	Marking (Lamp)
										None (no printing)
Item	L2RR									Mounting hole Ø22/25 pilot lights
										Mounting hole Ø30 pilot lights
										Mounting hole □30 pilot lights

※1: This item is sold only switch head and body. Please order LED contacts separately.
Mounting hole □30 pilot lights does not have this model.

Ø16 Control Switches

Push Button Switches (S16PR Series).....	A-28
Selector Switches (S16SR Series).....	A-32
Key Selector Switches (S16KR Series).....	A-38
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Pilot Lights (L16RR Series).....	A-46
Panel Cut-out Dimensions.....	A-48

Push Button Switches



Selector Switches



Key Selector Switches



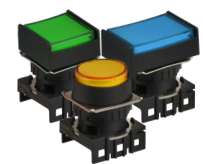
Mushroom-head
Push Button Switches

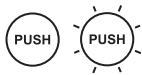


Emergency Switches





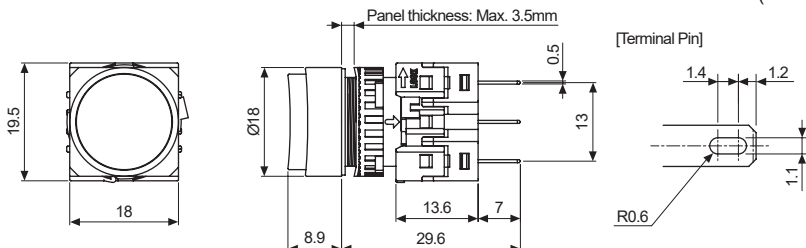
Pilot Lights



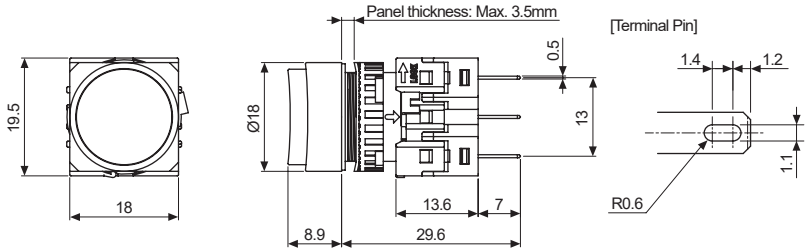


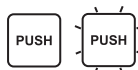


Ø16 Push Button Switches

Ø16 Round Push Button Switches (S16PR Series)


Type	Appearance	Operation type	Model	Contact block	LED block	
				C contact	DC voltage	
Extended button	 S16PR-E1G□ 	Returned	S16PR-E1□C	1	—	
			S16PR-E1□2C	2		
			S16PR-E1□3C	3		
		Maintained	S16PR-E2□C	1		
			S16PR-E2□2C	2		
			S16PR-E2□3C	3		
		※□ indicates color: R , B , G , Y , W ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)				
		• Dimensions (unit: mm)				
						
		※For panel cut-out dimensions, please refer to page A-48.				

Type	Appearance	Operation type	Model	Contact block	LED block	
				C contact	DC voltage	
Extended button (illuminated)	 S16PR-E3R□ 	Returned	S16PR-E3□C5	1	1 (5VDC)	
			S16PR-E3□C12		1 (12VDC)	
			S16PR-E3□C24		1 (24VDC)	
			S16PR-E3□2C5	2	1 (5VDC)	
			S16PR-E3□2C12		1 (12VDC)	
			S16PR-E3□2C24		1 (24VDC)	
		Maintained	S16PR-E4□C5	1	1 (5VDC)	
			S16PR-E4□C12		1 (12VDC)	
			S16PR-E4□C24		1 (24VDC)	
			S16PR-E4□2C5	2	1 (5VDC)	
			S16PR-E4□2C12		1 (12VDC)	
			S16PR-E4□2C24		1 (24VDC)	
		※□ indicates color: R , B , G , Y , W ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact and LED block: regular letters) ※The LED color is the same as the control unit.				
		• Dimensions (unit: mm)				
						
		※For panel cut-out dimensions, please refer to page A-48.				



Ø16 Push Button Switches

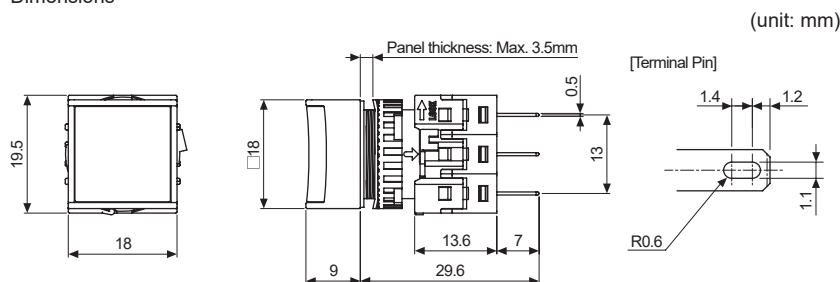
Ø16 Square Push Button Switches (S16PRS Series)

Type	Appearance	Operation type	Model	Contact block	LED block
				C contact	DC voltage
Half guard	 S16PRS-H1G□	Returned	S16PRS-H1 □C	1	—
			S16PRS-H1 □2C	2	
			S16PRS-H1 □3C	3	
		Maintained	S16PR S-H2 □C	1	
			S16PRS-H2 □2C	2	
			S16PRS-H2 □3C	3	


※□ indicates color: R, B, G, Y, W

※The control unit, contact blocks, LED blocks are sold separately.
(control unit: bold letters, contact block: regular letters)

• Dimensions



※For panel cut-out dimensions, please refer to page A-48.

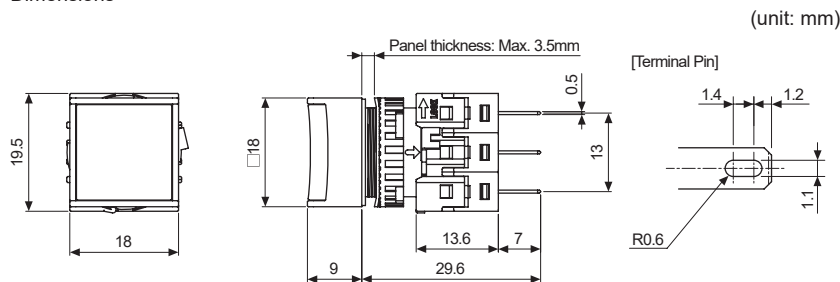
Type	Appearance	Operation type	Model	Contact block	LED block
				C contact	DC voltage
Half guard (illuminated)	 S16PRS-H3R□	Returned	S16PRS-H3 □C5	1	1 (5VDC)
			S16PRS-H3 □C12		1 (12VDC)
			S16PRS-H3 □C24		1 (24VDC)
			S16PRS-H3 □2C5	2	1 (5VDC)
			S16PRS-H3 □2C12		1 (12VDC)
			S16PRS-H3 □2C24		1 (24VDC)
		Maintained	S16PRS-H4 □C5	1	1 (5VDC)
			S16PRS-H4 □C12		1 (12VDC)
			S16PRS-H4 □C24		1 (24VDC)
			S16PRS-H4 □2C5	2	1 (5VDC)
			S16PRS-H4 □2C12		1 (12VDC)
			S16PRS-H4 □2C24		1 (24VDC)

※□ indicates color: R, B, G, Y, W

※The control unit, contact blocks, LED blocks are sold separately.
(control unit: bold letters, contact and LED block: regular letters)

※The LED color is the same as the control unit.

• Dimensions



※For panel cut-out dimensions, please refer to page A-48.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

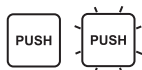
Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights


Accessories

Buzzers



Ø16 Push Button Switches

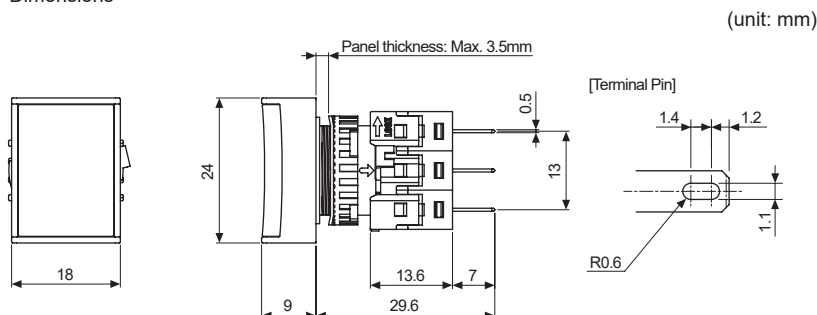
Ø16 Rectangular Push Button Switches (S16PRT Series)

Type	Appearance	Operation type	Model	Contact block	LED block
				C contact	DC voltage
Half guard	 S16PRT-H1G□	Returned	S16PRT-H1 □C	1	—
			S16PRT-H1 □2C	2	
			S16PRT-H1 □3C	3	
		Maintained	S16PRT-H2 □C	1	
			S16PRT-H2 □2C	2	
			S16PRT-H2 □3C	3	


※□ indicates color: R, B, G, Y, W

※The control unit, contact blocks, LED blocks are sold separately.
(control unit: bold letters, contact block: regular letters)

• Dimensions



※For panel cut-out dimensions, please refer to page A-48.

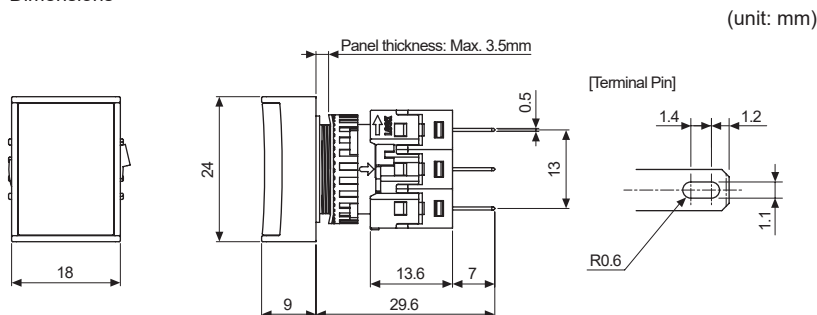
Type	Appearance	Operation type	Model	Contact block	LED block
				C contact	DC voltage
Half guard (illuminated)	 S16PRT-H3R□	Returned	S16PRT-H3 □C5	1	1 (5VDC)
			S16PRT-H3 □C12		1 (12VDC)
			S16PRT-H3 □C24		1 (24VDC)
			S16PRT-H3 □2C5	2	1 (5VDC)
			S16PRT-H3 □2C12		1 (12VDC)
			S16PRT-H3 □2C24		1 (24VDC)
		Maintained	S16PRT-H4 □C5	1	1 (5VDC)
			S16PRT-H4 □C12		1 (12VDC)
			S16PRT-H4 □C24		1 (24VDC)
			S16PRT-H4 □2C5	2	1 (5VDC)
			S16PRT-H4 □2C12		1 (12VDC)
			S16PRT-H4 □2C24		1 (24VDC)

※□ indicates color: R, B, G, Y, W

※The control unit, contact blocks, LED blocks are sold separately.
(control unit: bold letters, contact and LED block: regular letters)

※The LED color is the same as the control unit.

• Dimensions



※For panel cut-out dimensions, please refer to page A-48.



Ø16 Push Button Switches

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches









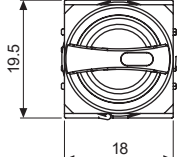
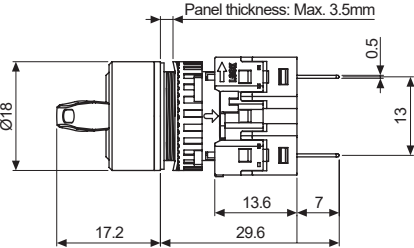
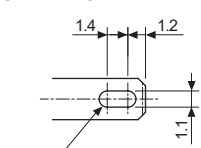
Pilot Lights

Accessories








Buzzers

Autonics
www.autonics.com

Ø16 Round Selector Switches (S16SR Series)

Type	Appearance	Operating position		Model	Contact block	LED block	
					C contact	DC voltage	
Standard short lever, extended	<div></div> <div></div> <div>S16SR-S1W□</div>	2-position, spring return		S16SR-S1□C	1	—	
				S16SR-S1□2C	2		
		2-position, maintained		S16SR-S2□C	1		
				S16SR-S2□2C	2		
		3-position, spring return two-way		S16SR-S3□2C	2		
		3-position, maintained		S16SR-S4□2C	2		
		3-position, spring return from right		S16SR-S5□2C	2		
		3-position, spring return from left		S16SR-S6□2C	2		
		※□ indicates color: R , B , G , Y , W ※The control unit , contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters) ※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.					
		• Dimensions					
		<div><div></div><div></div><div></div></div> <div>(unit: mm)</div>					
※For panel cut-out dimensions, please refer to page A-48.							



Type	Appearance	Operating position		Model	Contact block	LED block
					C contact	DC voltage
Standard short lever, extended (illuminated)		2-position, spring return		S16SR-L1□C5	1	1 (5VDC)
				S16SR-L1□C12		1 (12VDC)
				S16SR-L1□C24		1 (24VDC)
				S16SR-L1□2C5	2	1 (5VDC)
				S16SR-L1□2C12		1 (12VDC)
				S16SR-L1□2C24		1 (24VDC)
		2-position, maintained		S16SR-L2□C5	1	1 (5VDC)
				S16SR-L2□C12		1 (12VDC)
				S16SR-L2□C24		1 (24VDC)
				S16SR-L2□2C5	2	1 (5VDC)
				S16SR-L2□2C12		1 (12VDC)
				S16SR-L2□2C24		1 (24VDC)
		3-position, spring return two-way		S16SR-L3□2C5	2	1 (5VDC)
				S16SR-L3□2C12		1 (12VDC)
				S16SR-L3□2C24		1 (24VDC)
		3-position, maintained		S16SR-L4□2C5	2	1 (5VDC)
				S16SR-L4□2C12		1 (12VDC)
				S16SR-L4□2C24		1 (24VDC)
		3-position, spring return from right		S16SR-L5□2C5	2	1 (5VDC)
				S16SR-L5□2C12		1 (12VDC)
				S16SR-L5□2C24		1 (24VDC)
		3-position, spring return from left		S16SR-L6□2C5	2	1 (5VDC)
				S16SR-L6□2C12		1 (12VDC)
				S16SR-L6□2C24		1 (24VDC)

※□ indicates color: R, B, G, Y, W

※The control unit, contact blocks, LED blocks are sold separately.

(control unit: bold letters, contact and LED block: regular letters)

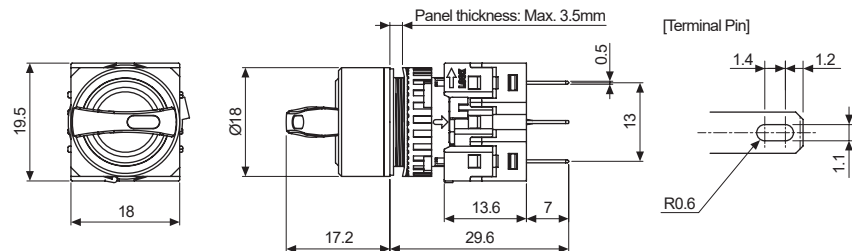
※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.

It will not operate if connected to the center slot.

※The LED color is the same as the control unit.

• Dimensions

(unit: mm)



※For panel cut-out dimensions, please refer to page A-48.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights






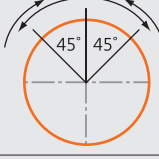
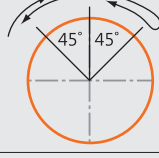
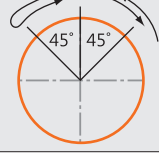
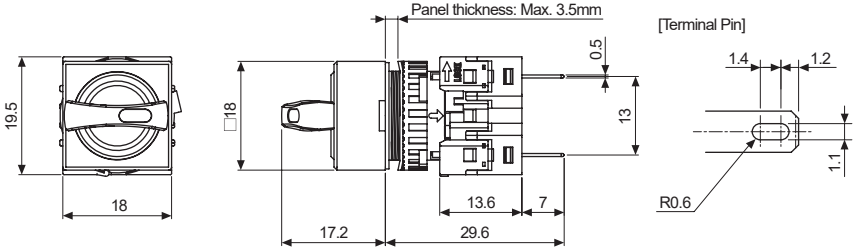
Accessories

Buzzers










Ø16 Selector Switches

Ø16 Square Selector Switches (S16SRS Series)

Type	Appearance	Operating position	Model	Contact block	LED block	
				C contact	DC voltage	
Standard short lever, extended	<div></div> <div>S16SRS-S1W□</div> <div></div>	2-position, spring return	<div></div> <div>S16SRS-S1□C</div> <div>S16SRS-S1□2C</div>	1		
		2-position, maintained	<div></div> <div>S16SRS-S2□C</div> <div>S16SRS-S2□2C</div>	1		
		3-position, spring return two-way	<div></div> <div>S16SRS-S3□2C</div>	2		
		3-position, maintained	<div></div> <div>S16SRS-S4□2C</div>	2		
		3-position, spring return from right	<div></div> <div>S16SRS-S5□2C</div>	2		
		3-position, spring return from left	<div></div> <div>S16SRS-S6□2C</div>	2		
		※□ indicates color: ■ , ■ , ■ , ■ , ■				
		※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)				
		※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.				
		• Dimensions				
		<div>(unit: mm)</div> <div></div>				
		※For panel cut-out dimensions, please refer to page A-48.				



Ø16 Selector Switches

Type	Appearance	Operating position		Model	Contact block	LED block
					C contact	DC voltage
Standard short lever, extended (illuminated)	 S16SRS-L1R□	2-position, spring return		S16SRS-L1□C5	1	1 (5VDC)
				S16SRS-L1□C12		1 (12VDC)
				S16SRS-L1□C24		1 (24VDC)
				S16SRS-L1□2C5	2	1 (5VDC)
				S16SRS-L1□2C12		1 (12VDC)
				S16SRS-L1□2C24		1 (24VDC)
		2-position, maintained		S16SRS-L2□C5	1	1 (5VDC)
				S16SRS-L2□C12		1 (12VDC)
				S16SRS-L2□C24		1 (24VDC)
				S16SRS-L2□2C5	2	1 (5VDC)
				S16SRS-L2□2C12		1 (12VDC)
				S16SRS-L2□2C24		1 (24VDC)
		3-position, spring return two-way		S16SRS-L3□2C5	2	1 (5VDC)
				S16SRS-L3□2C12		1 (12VDC)
				S16SRS-L3□2C24		1 (24VDC)
		3-position, maintained		S16SRS-L4□2C5	2	1 (5VDC)
				S16SRS-L4□2C12		1 (12VDC)
				S16SRS-L4□2C24		1 (24VDC)
		3-position, spring return from right		S16SRS-L5□2C5	2	1 (5VDC)
				S16SRS-L5□2C12		1 (12VDC)
				S16SRS-L5□2C24		1 (24VDC)
		3-position, spring return from left		S16SRS-L6□2C5	2	1 (5VDC)
				S16SRS-L6□2C12		1 (12VDC)
				S16SRS-L6□2C24		1 (24VDC)

※□ indicates color: R, B, G, Y, W

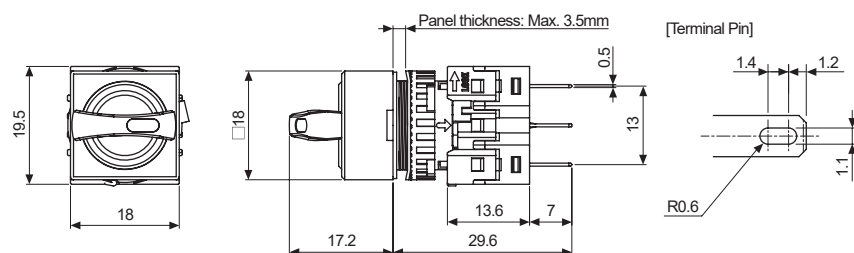
※The control unit, contact blocks, LED blocks are sold separately.
(control unit: bold letters, contact and LED block: regular letters)

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.
It will not operate if connected to the center slot.

※The LED color is the same as the control unit.

• Dimensions

(unit: mm)



※For panel cut-out dimensions, please refer to page A-48.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights



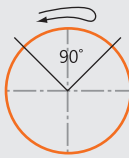





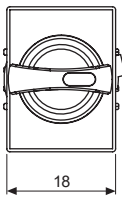
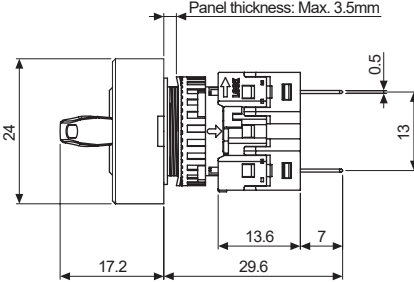
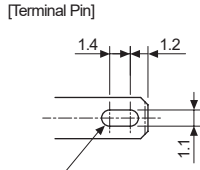
Accessories

Buzzers










Ø16 Selector Switches

Ø16 Rectangular Selector Switches (S16SRT Series)

Type	Appearance	Operating position		Model	Contact block	LED block	
					C contact	DC voltage	
Standard short lever, extended	<div></div> <div>S16SRT-S1W□</div> <div></div>	2-position, spring return		S16SRT-S1□C	1	—	
				S16SRT-S1□2C	2		
		2-position, maintained		S16SRT-S2□C	1		
				S16SRT-S2□2C	2		
		3-position, spring return two-way		S16SRT-S3□2C	2		
		3-position, maintained		S16SRT-S4□2C	2		
		3-position, spring return from right		S16SRT-S5□2C	2		
		3-position, spring return from left		S16SRT-S6□2C	2		
		※□ indicates color: R , B , G , Y , W					
		※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)					
		※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.					
		• Dimensions					
<div>(unit: mm)</div> <div></div> <div></div> <div></div>							
※For panel cut-out dimensions, please refer to page A-48							



Ø16 Selector Switches

Type	Appearance	Operating position		Model	Contact block	LED block
					C contact	DC voltage
Standard short lever, extended (illuminated)		2-position, spring return		S16SRT-L1 □C5	1	1 (5VDC)
				S16SRT-L1 □C12		1 (12VDC)
				S16SRT-L1 □C24		1 (24VDC)
				S16SRT-L1 □2C5	2	1 (5VDC)
				S16SRT-L1 □2C12		1 (12VDC)
				S16SRT-L1 □2C24		1 (24VDC)
		2-position, maintained		S16SRT-L2 □C5	1	1 (5VDC)
				S16SRT-L2 □C12		1 (12VDC)
				S16SRT-L2 □C24		1 (24VDC)
				S16SRT-L2 □2C5	2	1 (5VDC)
				S16SRT-L2 □2C12		1 (12VDC)
				S16SRT-L2 □2C24		1 (24VDC)
		3-position, spring return two-way		S16SRT-L3 □2C5	2	1 (5VDC)
				S16SRT-L3 □2C12		1 (12VDC)
				S16SRT-L3 □2C24		1 (24VDC)
		3-position, maintained		S16SRT-L4 □2C5	2	1 (5VDC)
				S16SRT-L4 □2C12		1 (12VDC)
				S16SRT-L4 □2C24		1 (24VDC)
		3-position, spring return from right		S16SRT-L5 □2C5	2	1 (5VDC)
				S16SRT-L5 □2C12		1 (12VDC)
				S16SRT-L5 □2C24		1 (24VDC)
		3-position, spring return from left		S16SRT-L6 □2C5	2	1 (5VDC)
				S16SRT-L6 □2C12		1 (12VDC)
				S16SRT-L6 □2C24		1 (24VDC)

※□ indicates color: **R**, **B**, **G**, **Y**, **W**

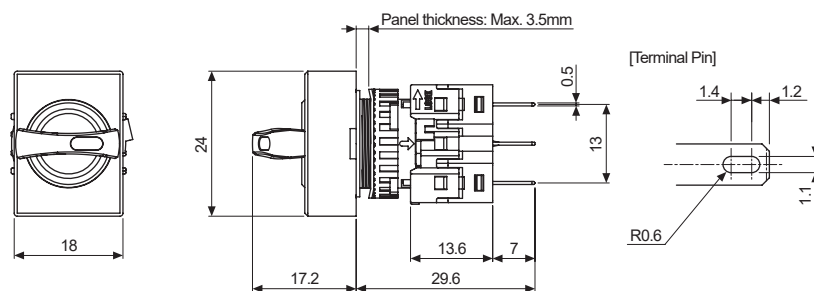
※The control unit, contact blocks, LED blocks are sold separately.
(control unit: bold letters, contact and LED block: regular letters)

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.
It will not operate if connected to the center slot.

※The LED color is the same as the control unit.

• Dimensions

(unit: mm)



※For panel cut-out dimensions, please refer to page A-48.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches









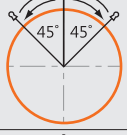
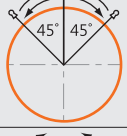

Emergency Switches

Pilot Lights

Accessories

Buzzers

Ø16 Round Key Selector Switches (S16KR Series)

Type	Appearance	Operating position	Model	Contact block	LED block
				C contact	DC voltage
Extended	 S16KR-1AK□ 	2-position, spring return key removal: left	 S16KR-1AKC S16KR-1AK2C	1 2	—
		2-position, maintained key removal: left	 S16KR-2AKC S16KR-2AK2C	1 2	
		2-position, maintained key removal: left + right	 S16KR-2BKC S16KR-2BK2C	1 2	
		2-position, maintained key removal: right	 S16KR-2DKC S16KR-2DK2C	1 2	
		3-position, spring return two-way key removal: center	 S16KR-3EK2C	2	
		3-position, maintained key removal: left	 S16KR-4AK2C	2	
		3-position, maintained key removal: left + right	 S16KR-4BK2C	2	
		3-position, maintained key removal: left + center + right	 S16KR-4CK2C	2	
		3-position, maintained key removal: right	 S16KR-4DK2C	2	

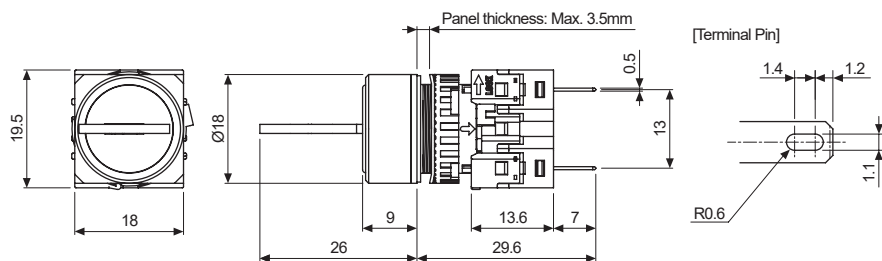
※The control unit, contact blocks, LED blocks are sold separately.

(control unit: bold letters, contact block: regular letters)

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.
It will not operate if connected to the center slot.

• Dimensions

(unit: mm)



※For panel cut-out dimensions, please refer to page A-48.



Ø16 Key Selector Switches

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches


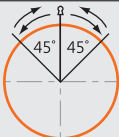
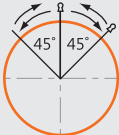







Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

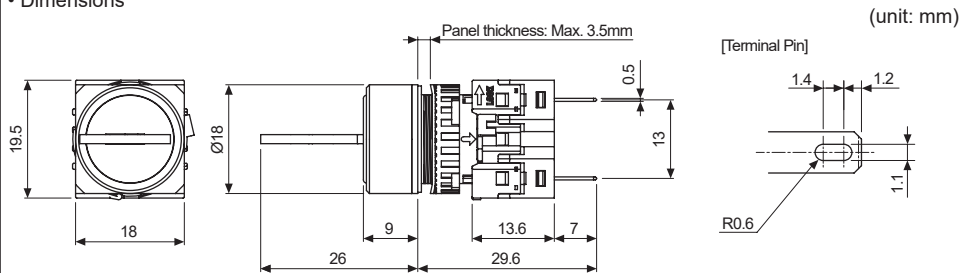
Type	Appearance	Operating position	Model	Contact block	LED block
				C contact	DC voltage
Extended	 S16KR-4EK□	3-position, maintained key removal: center	 S16KR-4EK2C	2	—
		3-position, maintained key removal: center + right	 S16KR-4FK2C	2	
		3-position, maintained key removal: left + center	 S16KR-4GK2C	2	
		3-position, spring return from right key removal: left	 S16KR-5AK2C	2	
		3-position, spring return from right key removal: center	 S16KR-5EK2C	2	
		3-position, spring return from right key removal: left + center	 S16KR-5GK2C	2	
		3-position, spring return from left key removal: right	 S16KR-6DK2C	2	
		3-position, spring return from left key removal: center	 S16KR-6EK2C	2	
		3-position, spring return from left key removal: center + right	 S16KR-6FK2C	2	

※The control unit, contact blocks, LED blocks are sold separately.

(control unit: bold letters, contact block: regular letters)



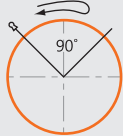



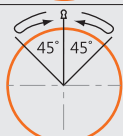

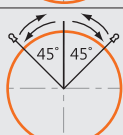
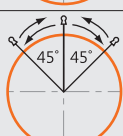
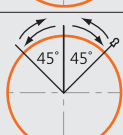
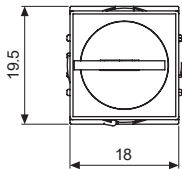
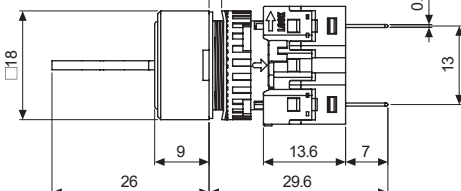
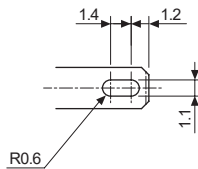
※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.
It will not operate if connected to the center slot.

• Dimensions




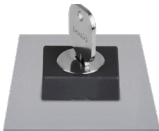






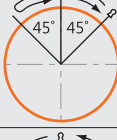
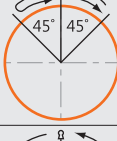

※For panel cut-out dimensions, please refer to page A-48.

Ø16 Square Key Selector Switches (S16KRS Series)

Type	Appearance	Operating position	Model	Contact block	LED block	
				C contact	DC voltage	
Extended	 S16KRS-1AK□ 	2-position, spring return key removal: left	 S16KRS-1AKC S16KRS-1AK2C	1 2	—	
		2-position, maintained key removal: left	 S16KRS-2AKC S16KRS-2AK2C	1 2		
		2-position, maintained key removal: left + right	 S16KRS-2BKC S16KRS-2BK2C	1 2		
		2-position, maintained key removal: right	 S16KRS-2DKC S16KRS-2DK2C	1 2		
		3-position, spring return two-way key removal: center	 S16KRS-3EK2C	2		
		3-position, maintained key removal: left	 S16KRS-4AK2C	2		
		3-position, maintained key removal: left + right	 S16KRS-4BK2C	2		
		3-position, maintained key removal: left + center + right	 S16KRS-4CK2C	2		
		3-position, maintained key removal: right	 S16KRS-4DK2C	2		
		※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)				
		※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.				
		• Dimensions				
<div><div></div><div></div><div></div></div> <div>(unit: mm)</div> <div>※For panel cut-out dimensions, please refer to page A-48.</div>						



Ø16 Key Selector Switches

Type	Appearance	Operating position	Model	Contact block	LED block
				C contact	DC voltage
Extended	 S16KRS-4EK□ 	3-position, maintained key removal: center	 S16KRS-4EK2C	2	—
		3-position, maintained key removal: center + right	 S16KRS-4FK2C	2	
		3-position, maintained key removal: left + center	 S16KRS-4GK2C	2	
		3-position, spring return from right key removal: left	 S16KRS-5AK2C	2	
		3-position, spring return from right key removal: center	 S16KRS-5EK2C	2	
		3-position, spring return from right key removal: left + center	 S16KRS-5GK2C	2	
		3-position, spring return from left key removal: right	 S16KRS-6DK2C	2	
		3-position, spring return from left key removal: center	 S16KRS-6EK2C	2	
		3-position, spring return from left key removal: center + right	 S16KRS-6FK2C	2	

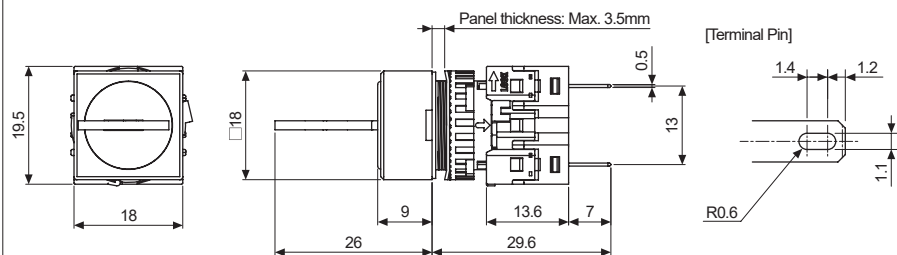
※The control unit, contact blocks, LED blocks are sold separately.

(control unit: bold letters, contact block: regular letters)

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.
It will not operate if connected to the center slot.

• Dimensions

(unit: mm)



※For panel cut-out dimensions, please refer to page A-48.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches


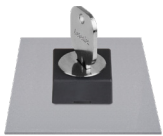





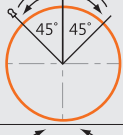
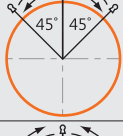
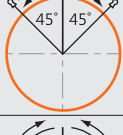

Emergency Switches

Pilot Lights

Accessories

Buzzers

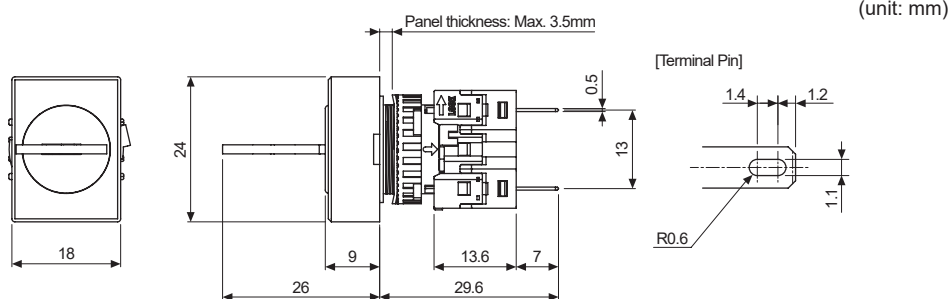
Ø16 Rectangular Key Selector Switches (S16KRT Series)

Type	Appearance	Operating position	Model	Contact block	LED block
				C contact	DC voltage
Extended	 S16KRT-1AK□ 	2-position, spring return key removal: left	 S16KRT-1AKC S16KRT-1AK2C	1 2	—
		2-position, maintained key removal: left	 S16KRT-2AKC S16KRT-2AK2C	1 2	
		2-position, maintained key removal: left + right	 S16KRT-2BKC S16KRT-2BK2C	1 2	
		2-position, maintained key removal: right	 S16KRT-2DKC S16KRT-2DK2C	1 2	
		3-position, spring return two-way key removal: center	 S16KRT-3EK2C	2	
		3-position, maintained key removal: left	 S16KRT-4AK2C	2	
		3-position, maintained key removal: left + right	 S16KRT-4BK2C	2	
		3-position, maintained key removal: left + center + right	 S16KRT-4CK2C	2	
		3-position, maintained key removal: right	 S16KRT-4DK2C	2	

※The control unit, contact blocks, LED blocks are sold separately.
(control unit: bold letters, contact block: regular letters)

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.
It will not operate if connected to the center slot.

• Dimensions



※For panel cut-out dimensions, please refer to page A-48.



Ø16 Key Selector Switches

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches












Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

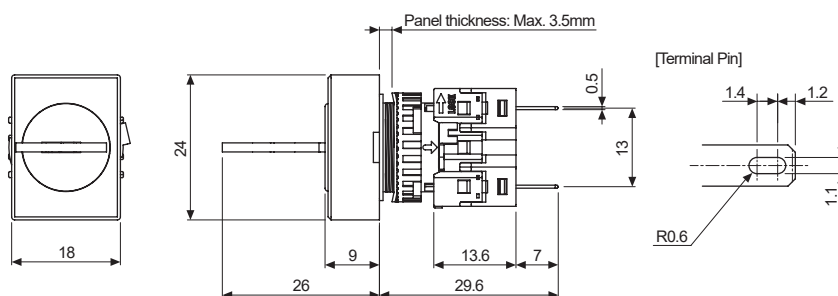
Type	Appearance	Operating position	Model	Contact block	LED block	
				C contact	DC voltage	
Extended	 S16KRT-4EK□ 	3-position, maintained key removal: center		S16KRT-4EK2C	2	—
		3-position, maintained key removal: center + right		S16KRT-4FK2C	2	
		3-position, maintained key removal: left + center		S16KRT-4GK2C	2	
		3-position, spring return from right key removal: left		S16KRT-5AK2C	2	
		3-position, spring return from right key removal: center		S16KRT-5EK2C	2	
		3-position, spring return from right key removal: left + center		S16KRT-5GK2C	2	
		3-position, spring return from left key removal: right		S16KRT-6DK2C	2	
		3-position, spring return from left key removal: center		S16KRT-6EK2C	2	
		3-position, spring return from left key removal: center + right		S16KRT-6FK2C	2	

※The control unit, contact blocks, LED blocks are sold separately.
(control unit: bold letters, contact block: regular letters)

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.
It will not operate if connected to the center slot.

• Dimensions


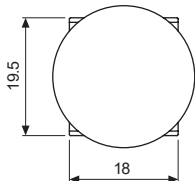
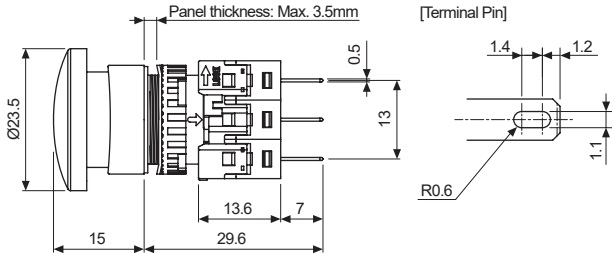
(unit: mm)


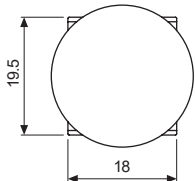
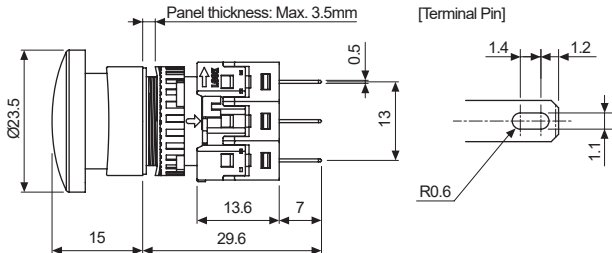


※For panel cut-out dimensions, please refer to page A-48.

S S Ø16 Mushroom-head Push Button Switches

Ø16 Mushroom-head Push Button Switches (S16BR Series)


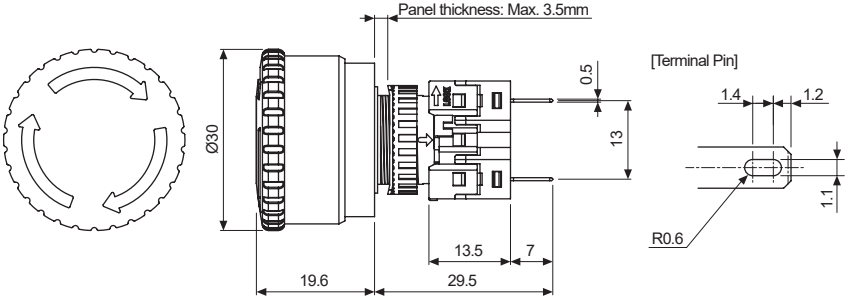
Type	Appearance	Model	Contact block	LED block
			C contact	DC voltage
Extended	 S16BR-H1G□	S16BR-H1□C	1	—
		S16BR-H1□2C	2	
		S16BR-H1□3C	3	
		※□ indicates color: R , G ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)		
• Dimensions			(unit: mm)	
				
※For panel cut-out dimensions, please refer to page A-48				


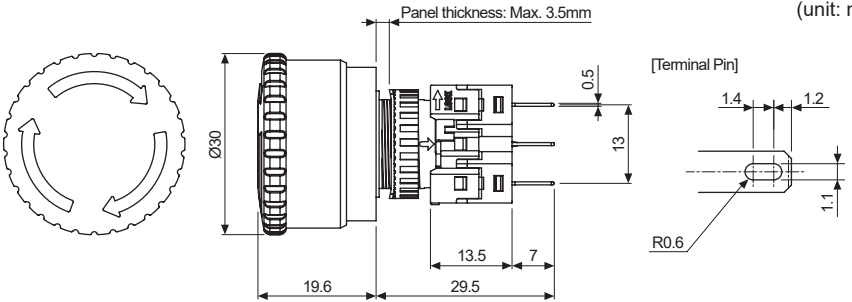
Type	Appearance	Model	Contact block	LED block
			C contact	DC voltage
Extended (illuminated)	 S16BR-H3R□	S16BR-H3□C5	1	1 (5VDC)
		S16BR-H3□C12		1 (12VDC)
		S16BR-H3□C24		1 (24VDC)
		S16BR-H3□2C5	2	1 (5VDC)
		S16BR-H3□2C12		1 (12VDC)
		S16BR-H3□2C24		1 (24VDC)
		※□ indicates color: R , G ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact and LED block: regular letters) ※The LED color is the same as the control unit.		
• Dimensions			(unit: mm)	
				
※For panel cut-out dimensions, please refer to page A-48				



Ø16 Emergency Switches

Ø16 Emergency Switches (S16ER Series)

Type	Appearance	Model	Contact block	LED block
			B contact	DC voltage
D30 (short head)	 S16ER-E1R□	S16ER-E1RB	1	—
		S16ER-E1R2B	2	
		※The control unit , contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)		
• Dimensions (unit: mm)				
				
※For panel cut-out dimensions, please refer to page A-48.				

Type	Appearance	Model	Contact block	LED block
			B contact	DC voltage
D30 (short head/ illuminated)	 S16ER-E3R□	S16ER-E3RB5	1	1 (5VDC)
		S16ER-E3RB12		1 (12VDC)
		S16ER-E3RB24		1 (24VDC)
		S16ER-E3R2B5	2	1 (5VDC)
		S16ER-E3R2B12		1 (12VDC)
		S16ER-E3R2B24		1 (24VDC)
※The control unit , contact blocks, LED blocks are sold separately. (control unit: bold letters, contact and LED block: regular letters)				
※The LED color is the same as the control unit.				
• Dimensions (unit: mm)				
				
※For panel cut-out dimensions, please refer to page A-48.				

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

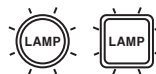
Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights



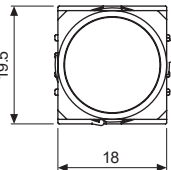
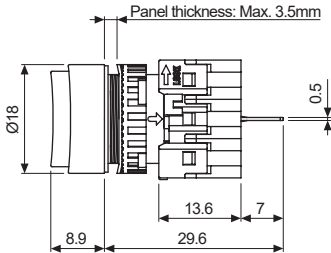
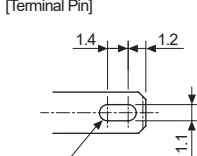
Accessories



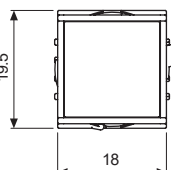
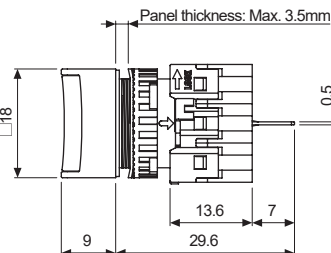
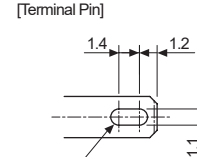
Buzzers





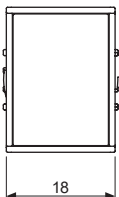
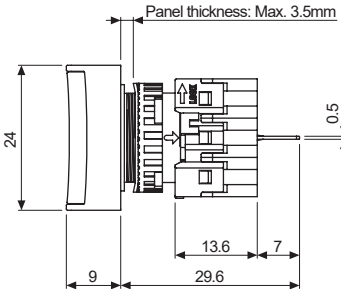
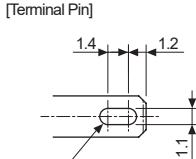
Ø16 Pilot Lights

Ø16 Pilot Lights (L16RR Series)

Type	Appearance	Model	Contact block	LED block
			C contact	DC voltage
Flat round, extended	 L16RR-EY□ 	L16RR-E□5	—	1 (5VDC)
		L16RR-E□12		1 (12VDC)
		L16RR-E□24		1 (24VDC)
		※□ indicates color: R , B , G , Y , W ※The light unit and LED blocks are sold separately. (light unit: bold letters, LED block: regular letters) ※The LED color is the same as the control unit.		
• Dimensions			(unit: mm)	
  			※For panel cut-out dimensions, please refer to page A-48	

Type	Appearance	Model	Contact block	LED block
			C contact	DC voltage
Flat square (half guard), extended	 L16RRS-HG□ 	L16RRS-H□5	—	1 (5VDC)
		L16RRS-H□12		1 (12VDC)
		L16RRS-H□24		1 (24VDC)
		※□ indicates color: R , B , G , Y , W ※The light unit and LED blocks are sold separately. (light unit: bold letters, LED block: regular letters) ※The LED color is the same as the control unit.		
• Dimensions			(unit: mm)	
  			※For panel cut-out dimensions, please refer to page A-48	



Type	Appearance	Model	Contact block	LED block
			C contact	DC voltage
Flat rectangular (half guard), extended	 L16RRT-HB□ 	L16RRT-H□5	—	1 (5VDC)
		L16RRT-H□12		1 (12VDC)
		L16RRT-H□24		1 (24VDC)
		※□ indicates color: R , B , G , Y , W ※The light unit and LED blocks are sold separately. (light unit: bold letters, LED block: regular letters) ※The LED color is the same as the control unit.		
		• Dimensions	(unit: mm)	
				
※For panel cut-out dimensions, please refer to page A-48				

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights


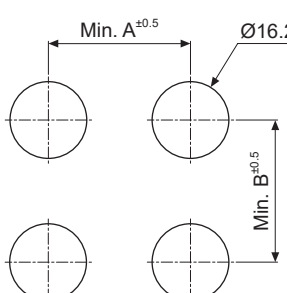













Accessories

Buzzers

Ø16 Panel Cut-out Dimensions

Ø16 Panel Cut-out Dimensions

(unit: mm)

Type			A	B	Panel Cut-out Dimensions
Push Button Switches	Round (S16PR Series)		20	21	
	Square (S16PRS Series)		20	21	
	Rectangular (S16PRT Series)		25	21	
Selector Switches	Round (S16SR Series)		20	21	
	Square (S16SRS Series)		20	21	
	Rectangular (S16SRT Series)		25	21	
Key Selector Switches	Round (S16KR Series)		20	21	
	Square (S16KRS Series)		20	21	
	Rectangular (S16KRT Series)		25	21	
Mushroom-head Push Button Switches (S16BR Series)			24	24	
Emergency Switches (S16ER Series)			40	40	
Pilot Lights	Round (L16RR Series)		20	21	
	Square (L16RRS Series)		20	21	
	Rectangular (L16RRT Series)		25	21	

Ø22/25 Control Switches

Push Button Switches (S2PR Series).....	A-50
Selector Switches (S2SR Series).....	A-56
Key Selector Switches (S2KR Series).....	A-72
Double Push Button Switches (S2TR Series).....	A-74
Mushroom-head Push Button Switches (S2BR Series).....	A-75
Emergency Switches (S2ER Series).....	A-76
Pilot Lights (L2RR Series).....	A-79
Panel Cut-out Dimensions.....	A-82

Push Button Switches



Selector Switches



Key Selector Switches



Double
Push Button Switches



Mushroom-head
Push Button Switches




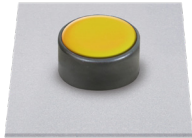
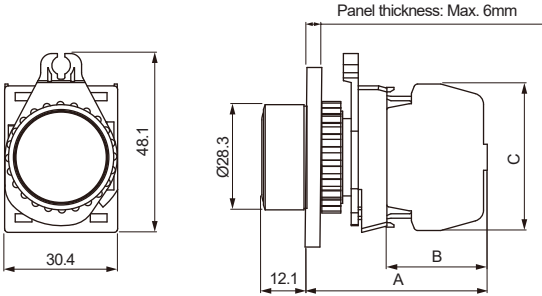
Emergency Switches


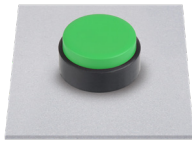
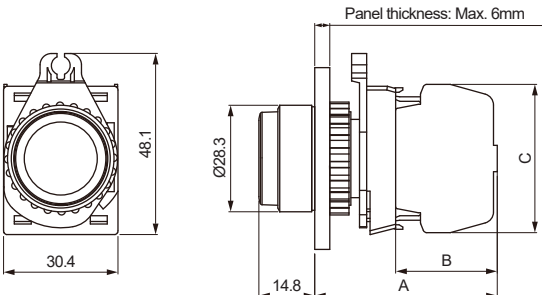


Pilot Lights




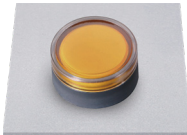
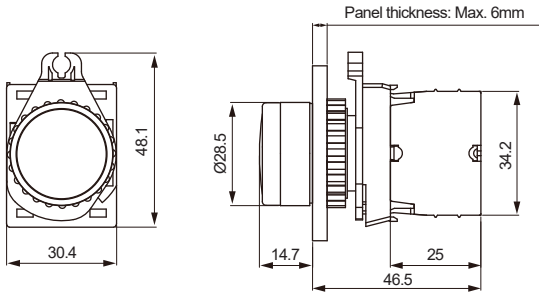
Ø22/25 Round Push Button Switches (S2PR Series)



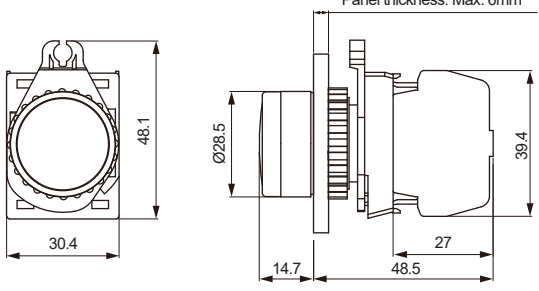
Type	Appearance	Model	Contact block		LED block												
			A contact	B contact	AC/DC voltage	AC voltage											
Extended	 S2PR-P1Y□ 	S2PR-P1□A(M)	1	—	—	—											
		S2PR-P1□2A(M)	2	—													
		S2PR-P1□3A(M)	3	—													
		S2PR-P1□B(M)	—	1													
		S2PR-P1□2B(M)	—	2													
		S2PR-P1□3B(M)	—	3													
		S2PR-P1□AB(M)	1	1													
		S2PR-P1□2AB(M)	2	1													
		S2PR-P1□A2B(M)	1	2													
		※□ indicates color: R , B , G , Y , K ※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters) ※Waterproof cap (model: SA-WP) is available.															
• Dimensions		(unit: mm)															
		<table border="1"><thead><tr><th></th><th>A</th><th>B</th><th>C</th></tr></thead><tbody><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></tbody></table>					A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C														
Singular type	48.5	27.0	39.4														
Modular type	46.5	25.0	34.2														
※For panel cut-out dimensions, please refer to page A-82																	

Type	Appearance	Model	Contact block		LED block												
			A contact	B contact	AC/DC voltage	AC voltage											
Extended button	 S2PR-E1G□ 	S2PR-E1□A(M)	1	—	—	—											
		S2PR-E1□2A(M)	2	—													
		S2PR-E1□3A(M)	3	—													
		S2PR-E1□B(M)	—	1													
		S2PR-E1□2B(M)	—	2													
		S2PR-E1□3B(M)	—	3													
		S2PR-E1□AB(M)	1	1													
		S2PR-E1□2AB(M)	2	1													
		S2PR-E1□A2B(M)	1	2													
		※□ indicates color: R , B , G , Y , K ※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)															
• Dimensions		(unit: mm)															
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	A	B	C														
Singular type	48.5	27.0	39.4														
Modular type	46.5	25.0	34.2														
※For panel cut-out dimensions, please refer to page A-82																	



Ø22/25 Push Button Switches



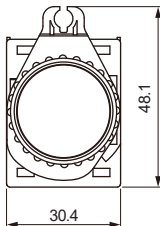
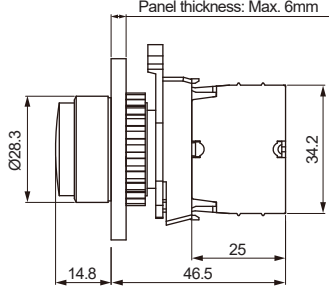
Type	Appearance	Model	Contact block		LED block		
			A contact	B contact	AC/DC voltage	AC voltage	
Extended (illuminated)	 S2PRU-P3Y□ 	Modular contact	S2PR(U)-P3□ADM	1	—	1	—
			S2PR(U)-P3□2ADM	2	—		
			S2PR(U)-P3□BDM	—	1		
			S2PR(U)-P3□2BDM	—	2		
			S2PR(U)-P3□ABDM	1	1		
			S2PR(U)-P3□ALM	1	—	—	1
			S2PR(U)-P3□2ALM	2	—		
			S2PR(U)-P3□BLM	—	1		
			S2PR(U)-P3□2BLM	—	2		
			S2PR(U)-P3□ABLM	1	1		
※□ indicates color: R , B , G , Y , W							
※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)							
※Control unit+contact block (modular type) models do not contain "Push" markings on the button cap.							
※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Push" markings on the button cap.							
※The LED color is the same as the control unit. ※Waterproof cap (model: SA-WP) is available.							
• Dimensions (unit: mm)							
 Panel thickness: Max. 6mm							
※For panel cut-out dimensions, please refer to page A-82.							

Appearance	Model	Contact block		LED block		
		A contact	B contact	AC/DC voltage	AC voltage	
 S2PR-P3Y□ 	Singular contact	S2PR(U)-P3□AD	1	—	1	—
		S2PR(U)-P3□2AD	2	—		
		S2PR(U)-P3□BD	—	1		
		S2PR(U)-P3□2BD	—	2		
		S2PR(U)-P3□ABD	1	1		
		S2PR(U)-P3□AL	1	—	—	1
		S2PR(U)-P3□2AL	2	—		
		S2PR(U)-P3□BL	—	1		
		S2PR(U)-P3□2BL	—	2		
		S2PR(U)-P3□ABL	1	1		
※□ indicates color: R , B , G , Y , W						
※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)						
※Control unit+contact block (singular type) models contain "Push" markings on the button cap.						
※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Push" markings on the button cap.						
※The LED color is the same as the control unit. ※Waterproof cap (model: SA-WP) is available.						
• Dimensions (unit: mm)						
 Panel thickness: Max. 6mm						
※For panel cut-out dimensions, please refer to page A-82.						


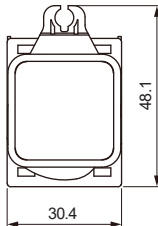
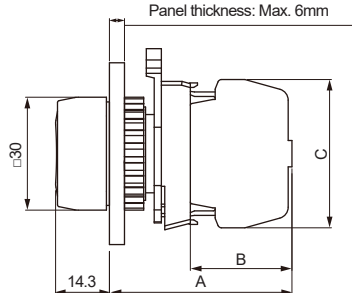
Control Switches
Ø16
Ø22/25
Ø30
□30
Push Button Switches
Round
Square
Rectangular
Selector Switches
Round
Square
Rectangular
Key Selector Switches
Round
Square
Rectangular
Double Push Button Switches
Mushroom-head Push Button Switches
Emergency Switches
Pilot Lights
Accessories
Buzzers



Ø22/25 Push Button Switches

Type	Appearance	Model	Contact block		LED block			
			A contact	B contact	AC/DC voltage	AC voltage		
Extended button (illuminated)	 S2PRU-E3W□ 	Modular contact	S2PR(U)-E3□ADM	1	—	1	—	
			S2PR(U)-E3□2ADM	2	—			
			S2PR(U)-E3□BDM	—	1			
			S2PR(U)-E3□2BDM	—	2			
			S2PR(U)-E3□ABDM	1	1			
			S2PR(U)-E3□ALM	1	—	—	1	
			S2PR(U)-E3□2ALM	2	—			
			S2PR(U)-E3□BLM	—	1			
			S2PR(U)-E3□2BLM	—	2			
			S2PR(U)-E3□ABLM	1	1			
		※□ indicates color: R , B , G , Y , W					※For panel cut-out dimensions, please refer to page A-82.	
		※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)						
		※Control unit+contact block (modular type) models do not contain "Push" markings on the button cap.						
		※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Push" markings on the button cap.						
		※The LED color is the same as the control unit. ※Waterproof cap (model: SA-WP) is available.						
		• Dimensions			(unit: mm)			
								
					Panel thickness: Max. 6mm			

Ø22/25 Square Push Button Switches (S2PRS Series)

Type	Appearance	Model	Contact block		LED block												
			A contact	B contact	AC/DC voltage	AC voltage											
Extended	 S2PRS-P1B□	S2PRS-P1□A(M)	1	—	—	—											
		S2PRS-P1□2A(M)	2	—													
		S2PRS-P1□3A(M)	3	—													
		S2PRS-P1□B(M)	—	1													
		S2PRS-P1□2B(M)	—	2													
		S2PRS-P1□3B(M)	—	3													
		S2 PRS-P1□AB(M)	1	1													
		S2PRS-P1□2AB(M)	2	1													
		S2PRS-P1□A2B(M)	1	2													
		※□ indicates color: R , B , G , Y , K ※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)															
• Dimensions			(unit: mm)														
																	
		<table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table>					A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C														
Singular type	48.5	27.0	39.4														
Modular type	46.5	25.0	34.2														
※For panel cut-out dimensions, please refer to page A-82																	

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches



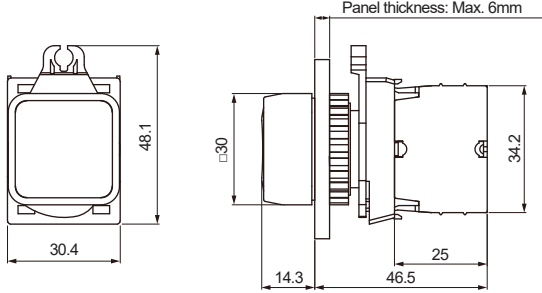
Pilot Lights



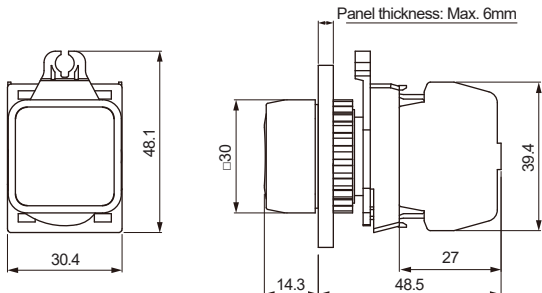
Accessories

Buzzers





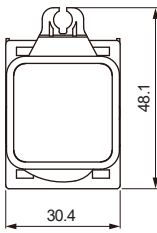
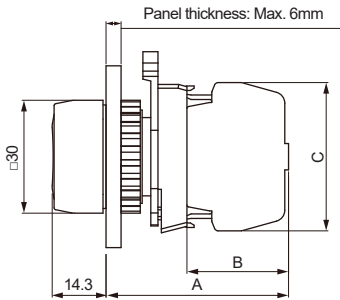
Ø22/25 Push Button Switches

Type	Appearance	Model	Contact block		LED block		
			A contact	B contact	AC/DC voltage	AC voltage	
Extended (illuminated)	 S2PRSU-P3R□ 	Standard/Modular contact	S2PRS(U)-P3□ADM	1	—	1	—
			S2PRS(U)-P3□2ADM	2	—		
			S2PRS(U)-P3□BDM	—	1		
			S2PRS(U)-P3□2BDM	—	2		
			S2PRS(U)-P3□ABDM	1	1		
			S2PRS(U)-P3□ALM	1	—	—	1
			S2PRS(U)-P3□2ALM	2	—		
			S2PRS(U)-P3□BLM	—	1		
			S2PRS(U)-P3□2BLM	—	2		
			S2PRS(U)-P3□ABLM	1	1		
※□ indicates color: R , B , G , Y , W ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters) ※Control unit+contact block (modular type) models do not contain "Push" markings on the button cap. ※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Push" markings on the button cap. ※The LED color is the same as the control unit. ※Waterproof cap (model: SA-WP) is available.							
• Dimensions (unit: mm)							
 Panel thickness: Max. 6mm 30.4, 48.1, 30, 14.3, 46.5, 25, 34.2 ※For panel cut-out dimensions, please refer to page A-82.							

Appearance	Model	Contact block		LED block		
		A contact	B contact	AC/DC voltage	AC voltage	
 S2PRS-P3R□ 	Standard/Singular contact	S2PRS(U)-P3□AD	1	—	1	—
		S2PRS(U)-P3□2AD	2	—		
		S2PRS(U)-P3□BD	—	1		
		S2PRS(U)-P3□2BD	—	2		
		S2PRS(U)-P3□ABD	1	1		
		S2PRS(U)-P3□AL	1	—	—	1
		S2PRS(U)-P3□2AL	2	—		
		S2PRS(U)-P3□BL	—	1		
		S2PRS(U)-P3□2BL	—	2		
		S2PRS(U)-P3□ABL	1	1		
※□ indicates color: R , B , G , Y , W ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters) ※Control unit+contact block (singular type) models contain "Push" markings on the button cap. ※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Push" markings on the button cap. ※The LED color is the same as the control unit. ※Waterproof cap (model: SA-WP) is available.						
• Dimensions (unit: mm)						
 Panel thickness: Max. 6mm 30.4, 48.1, 30, 14.3, 48.5, 27, 39.4 ※For panel cut-out dimensions, please refer to page A-82.						



Ø22/25 Push Button Switches

Type	Appearance	Model	Contact block		LED block													
			A contact	B contact	AC/DC voltage	AC voltage												
Extended (illuminated)	<div> S2PRS-P3YU□</div> <div></div>	Arrows (Left/ Right)	S2PRS-P3□LAD(M)	1	—	1	—											
			S2PRS-P3□L2AD(M)	2	—													
			S2PRS-P3□LBD(M)	—	1													
			S2PRS-P3□L2BD(M)	—	2													
			S2PRS-P3□LABD(M)	1	1													
			S2PRS-P3□LAL(M)	1	—	—	1											
			S2PRS-P3□L2AL(M)	2	—													
			S2PRS-P3□LBL(M)	—	1													
			S2PRS-P3□L2BL(M)	—	2													
			S2PRS-P3□LABL(M)	1	1													
		Arrows (Up/ Down)	S2PRS-P3□UAD(M)	1	—	1	—											
			S2PRS-P3□U2AD(M)	2	—													
			S2PRS-P3□UBD(M)	—	1													
			S2PRS-P3□U2BD(M)	—	2													
			S2PRS-P3□UABD(M)	1	1													
			S2PRS-P3□UAL(M)	1	—	—	1											
			S2PRS-P3□U2AL(M)	2	—													
			S2PRS-P3□UBL(M)	—	1													
			S2PRS-P3□U2BL(M)	—	2													
			S2PRS-P3□UABL(M)	1	1													
		※□ indicates color: R , B , G , Y , W																
		※Models without 'U' in the model name contain "Push" markings on the button cap.																
		※The M in the model name indicates modular type contact block. Models without M are singular contact block.																
		※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact and LED block: regular letters)																
		※The LED color is the same as the control unit.																
• Dimensions																		
(unit: mm)																		
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	A	B	C															
Singular type	48.5	27.0	39.4															
Modular type	46.5	25.0	34.2															
※For panel cut-out dimensions, please refer to page A-82.																		

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches


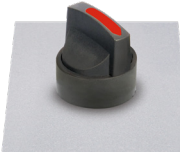





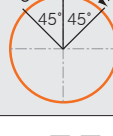
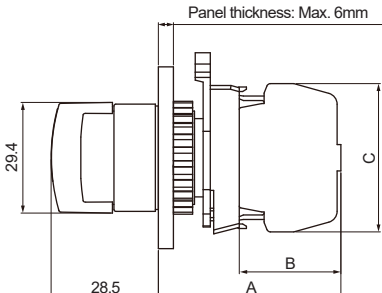
Emergency Switches

Pilot Lights




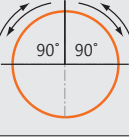
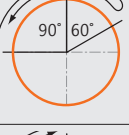
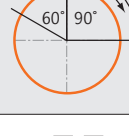
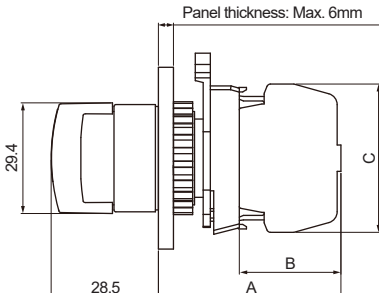
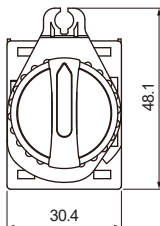
Accessories

Buzzers

Ø22/25 Round Standard Lever Selector Switches (S2SR Series)

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Standard short lever, extended	<div> S2SR-S1R□</div> <div></div>	2-position, spring return		S2SR-S1□A(M)	1	—	—	—												
				S2SR-S1□2A(M)	2	—														
				S2SR-S1□B(M)	—	1														
				S2SR-S1□2B(M)	—	2														
				S2SR-S1□AB(M)	1	1														
		2-position, maintained		S2SR-S3□A(M)	1	—														
				S2SR-S3□2A(M)	2	—														
				S2SR-S3□B(M)	—	1														
				S2SR-S3□2B(M)	—	2														
				S2SR-S3□AB(M)	1	1														
		3-position, spring return two-way		S2SR-S5K□2A(M)	2	—														
				S2SR-S5K□2B(M)	—	2														
				S2SR-S5K□AB(M)	1	1														
		3-position, maintained		S2SR-S7K□2A(M)	2	—														
				S2SR-S7K□2B(M)	—	2														
				S2SR-S7K□AB(M)	1	1														
		3-position, spring return from right		S2SR-SAK□2A(M)	2	—														
				S2SR-SAK□2B(M)	—	2														
				S2SR-SAK□AB(M)	1	1														
		3-position, spring return from left		S2SR-SCK□2A(M)	2	—														
				S2SR-SCK□2B(M)	—	2														
				S2SR-SCK□AB(M)	1	1														
□ indicates color: W , R																				
The M in the model name indicates modular type contact block. Models without M are singular contact block.																				
The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)																				
Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																				
• Dimensions																				
<div><div></div><div></div><div><div>Panel thickness: Max. 6mm</div><table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table></div></div>										A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C																	
Singular type	48.5	27.0	39.4																	
Modular type	46.5	25.0	34.2																	
For panel cut-out dimensions, please refer to page A-82																				



Type	Appearance	Operating position	Model	Contact block		LED block													
				A contact	B contact	AC/DC voltage	AC voltage												
Standard short lever, extended	 S2SR-S1R□ 	3-position, spring return two-way		S2SR-S5□2A(M)	2	—	—	—											
			S2SR-S5□2B(M)	—	2														
			S2SR-S5□AB(M)	1	1														
		3-position, maintained		S2SR-S7□2A(M)	2	—													
			S2SR-S7□2B(M)	—	2														
			S2SR-S7□AB(M)	1	1														
		3-position, spring return from right		S2SR-SA□2A(M)	2	—													
			S2SR-SA□2B(M)	—	2														
			S2SR-SA□AB(M)	1	1														
		3-position, spring return from left		S2SR-SC□2A(M)	2	—													
			S2SR-SC□2B(M)	—	2														
			S2SR-SC□AB(M)	1	1														
<p>※□ indicates color: W, R</p> <p>※The M in the model name indicates modular type contact block. Models without M are singular contact block.</p> <p>※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)</p> <p>※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.</p>																			
<p>• Dimensions</p> <div><table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table></div> <p style="text-align: right;">(unit: mm)</p> <p style="text-align: right;">※For panel cut-out dimensions, please refer to page A-82</p>									A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C																
Singular type	48.5	27.0	39.4																
Modular type	46.5	25.0	34.2																

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches








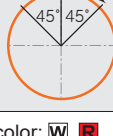
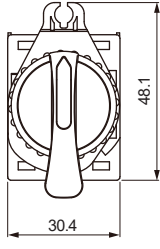
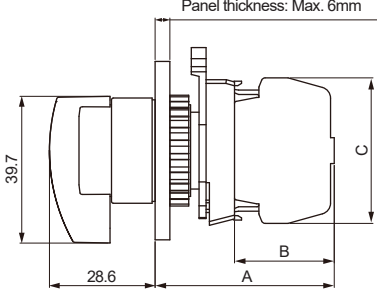
Emergency Switches

Pilot Lights





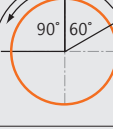
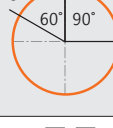
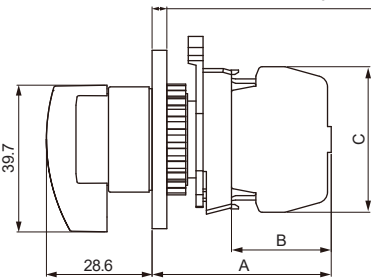
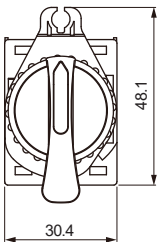
Accessories

Buzzers

Ø22/25 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Standard long lever, extended	<div></div> <div>S2SR-S2W□</div> <div></div>	2-position, spring return		S2SR-S2□A(M)	1	—	—	—												
			S2SR-S2□2A(M)	2	—															
			S2SR-S2□B(M)	—	1															
			S2SR-S2□2B(M)	—	2															
			S2SR-S2□AB(M)	1	1															
		2-position, maintained		S2SR-S4□A(M)	1	—														
				S2SR-S4□2A(M)	2	—														
				S2SR-S4□B(M)	—	1														
				S2SR-S4□2B(M)	—	2														
				S2SR-S4□AB(M)	1	1														
		3-position, spring return two-way		S2SR-S6K□2A(M)	2	—														
				S2SR-S6K□2B(M)	—	2														
				S2SR-S6K□AB(M)	1	1														
		3-position, maintained		S2SR-S8K□2A(M)	2	—														
				S2SR-S8K□2B(M)	—	2														
				S2SR-S8K□AB(M)	1	1														
		3-position, spring return from right		S2SR-SBK□2A(M)	2	—														
				S2SR-SBK□2B(M)	—	2														
				S2SR-SBK□AB(M)	1	1														
		3-position, spring return from left		S2SR-SDK□2A(M)	2	—														
				S2SR-SDK□2B(M)	—	2														
				S2SR-SDK□AB(M)	1	1														
※□ indicates color: W , R																				
※The M in the model name indicates modular type contact block. Models without M are singular contact block.																				
※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)																				
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• Dimensions																				
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	A	B	C																	
Singular type	48.5	27.0	39.4																	
Modular type	46.5	25.0	34.2																	
※For panel cut-out dimensions, please refer to page A-82																				



Type	Appearance	Operating position	Model	Contact block		LED block												
				A contact	B contact	AC/DC voltage	AC voltage											
Standard long lever, extended	 S2SR-S2W□ 	3-position, spring return two-way		S2SR-S6□2A(M)	2	—	—	—										
			S2SR-S6□2B(M)	—	2													
			S2SR-S6□AB(M)	1	1													
		3-position, maintained		S2SR-S8□2A(M)	2	—												
			S2SR-S8□2B(M)	—	2													
			S2SR-S8□AB(M)	1	1													
		3-position, spring return from right		S2SR-SB□2A(M)	2	—												
			S2SR-SB□2B(M)	—	2													
			S2SR-SB□AB(M)	1	1													
		3-position, spring return from left		S2SR-SD□2A(M)	2	—												
			S2SR-SD□2B(M)	—	2													
			S2SR-SD□AB(M)	1	1													
		※□ indicates color: W , R ※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters) ※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																
		• Dimensions																
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Singular type	48.5	27.0	39.4															
Modular type	46.5	25.0	34.2															
※For panel cut-out dimensions, please refer to page A-82.																		

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches



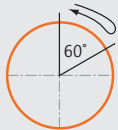




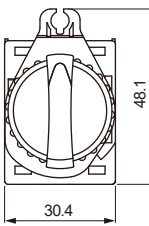
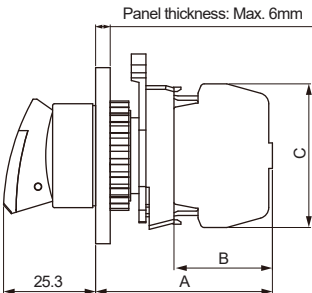
Emergency Switches

Pilot Lights

Accessories

Buzzers

Ø22/25 Round Shark Lever Selector Switches (S2SRN Series)

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Short shark-head lever, extended	<div> S2SRN-S1AW□</div> <div></div>	2-position, spring return		S2SRN-S1A□A(M)	1	—	—	—												
				S2SRN-S1A□2A(M)	2	—														
				S2SRN-S1A□B(M)	—	1														
				S2SRN-S1A□2B(M)	—	2														
				S2SRN-S1A□AB(M)	1	1														
		2-position, maintained		S2SRN-S3A□A(M)	1	—														
				S2SRN-S3A□2A(M)	2	—														
				S2SRN-S3A□B(M)	—	1														
				S2SRN-S3A□2B(M)	—	2														
				S2SRN-S3A□AB(M)	1	1														
		2-position, spring return		S2SRN-S1B□A(M)	1	—														
				S2SRN-S1B□2A(M)	2	—														
				S2SRN-S1B□B(M)	—	1														
				S2SRN-S1B□2B(M)	—	2														
				S2SRN-S1B□AB(M)	1	1														
		2-position, maintained		S2SRN-S3B□A(M)	1	—														
				S2SRN-S3B□2A(M)	2	—														
				S2SRN-S3B□B(M)	—	1														
				S2SRN-S3B□2B(M)	—	2														
				S2SRN-S3B□AB(M)	1	1														
		2-position, spring return		S2SRN-S1□A(M)	1	—														
				S2SRN-S1□2A(M)	2	—														
				S2SRN-S1□B(M)	—	1														
				S2SRN-S1□2B(M)	—	2														
				S2SRN-S1□AB(M)	1	1														
※□ indicates color: W , R																				
※The M in the model name indicates modular type contact block. Models without M are singular contact block.																				
※The control unit and contact blocks are sold separately. (control unit: bold letters, contact block: regular letters)																				
※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																				
• Dimensions <div style="text-align: right;">(unit: mm)</div> <div><div></div><div></div><div><table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table></div></div>										A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C																	
Singular type	48.5	27.0	39.4																	
Modular type	46.5	25.0	34.2																	
※For panel cut-out dimensions, please refer to page A-82.																				



Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches


Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

Type	Appearance	Operating position	Model	Contact block		LED block	
				A contact	B contact	AC/DC voltage	AC voltage
Short shark-head lever, extended		3-position, spring return two-way	S2SRN-S5K□2A(M)	2	—	—	—
			S2SRN-S5K□2B(M)	—	2		
			S2SRN-S5K□AB(M)	1	1		
		3-position, maintained	S2SRN-S7K□2A(M)	2	—		
			S2SRN-S7K□2B(M)	—	2		
			S2SRN-S7K□AB(M)	1	1		
		3-position, spring return from right	S2SRN-SAK□2A(M)	2	—		
			S2SRN-SAK□2B(M)	—	2		
			S2SRN-SAK□AB(M)	1	1		
		3-position, spring return from left	S2SRN-SCK□2A(M)	2	—		
			S2SRN-SCK□2B(M)	—	2		
			S2SRN-SCK□AB(M)	1	1		
		3-position, spring return two-way	S2SRN-S5□2A(M)	2	—		
			S2SRN-S5□2B(M)	—	2		
			S2SRN-S5□AB(M)	1	1		
		3-position, maintained	S2SRN-S7□2A(M)	2	—		
			S2SRN-S7□2B(M)	—	2		
			S2SRN-S7□AB(M)	1	1		
		3-position, spring return from right	S2SRN-SA□2A(M)	2	—		
			S2SRN-SA□2B(M)	—	2		
			S2SRN-SA□AB(M)	1	1		
		3-position, spring return from left	S2SRN-SC□2A(M)	2	—		
			S2SRN-SC□2B(M)	—	2		
			S2SRN-SC□AB(M)	1	1		

※□ indicates color: **W**, **R**

※The M in the model name indicates modular type contact block. Models without M are singular contact block.

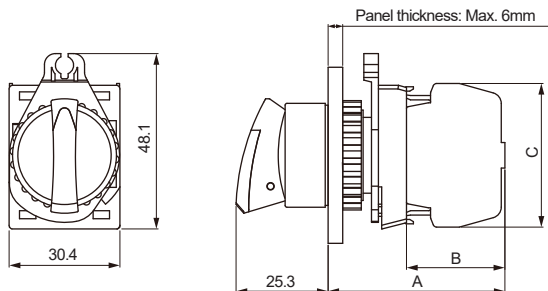
※The control unit and contact blocks are sold separately.

(control unit: bold letters, contact block: regular letters)

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.

• Dimensions

(unit: mm)



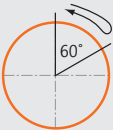
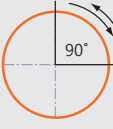





	A	B	C
Singular type	48.5	27.0	39.4
Modular type	46.5	25.0	34.2

※For panel cut-out dimensions, please refer to page A-82.



Ø22/25 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block	
					A contact	B contact	AC/DC voltage	AC voltage
Long shark-head lever, extended	 S2SRN-S2AR□ 	2-position, spring return		S2SRN-S2A□A(M)	1	—	—	—
				S2SRN-S2A□2A(M)	2	—		
				S2SRN-S2A□B(M)	—	1		
				S2SRN-S2A□2B(M)	—	2		
				S2SRN-S2A□AB(M)	1	1		
		2-position, maintained		S2SRN-S4A□A(M)	1	—		
				S2SRN-S4A□2A(M)	2	—		
				S2SRN-S4A□B(M)	—	1		
				S2SRN-S4A□2B(M)	—	2		
				S2SRN-S4A□AB(M)	1	1		
		2-position, spring return		S2SRN-S2B□A(M)	1	—		
				S2SRN-S2B□2A(M)	2	—		
				S2SRN-S2B□B(M)	—	1		
				S2SRN-S2B□2B(M)	—	2		
				S2SRN-S2B□AB(M)	1	1		
		2-position, maintained		S2SRN-S4B□A(M)	1	—		
				S2SRN-S4B□2A(M)	2	—		
				S2SRN-S4B□B(M)	—	1		
				S2SRN-S4B□2B(M)	—	2		
				S2SRN-S4B□AB(M)	1	1		
		2-position, spring return		S2SRN-S2□A(M)	1	—		
				S2SRN-S2□2A(M)	2	—		
				S2SRN-S2□B(M)	—	1		
				S2SRN-S2□2B(M)	—	2		
				S2SRN-S2□AB(M)	1	1		

※□ indicates color: **W**, **R**

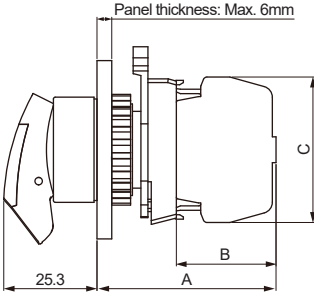
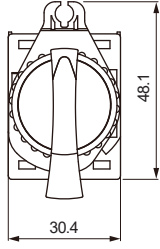
※The M in the model name indicates modular type contact block. Models without M are singular contact block.

※The control unit and contact blocks are sold separately.
(control unit: bold letters, contact block: regular letters)

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.
It will not operate if connected to the center slot.

• Dimensions

(unit: mm)



	A	B	C
Singular type	48.5	27.0	39.4
Modular type	46.5	25.0	34.2

※For panel cut-out dimensions, please refer to page A-82.



Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches







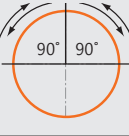
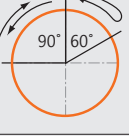
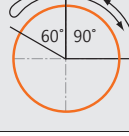
Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

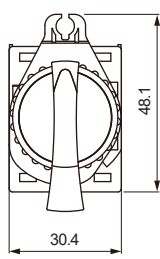
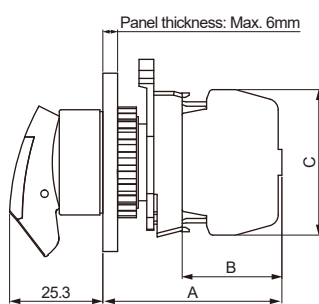
Buzzers

Type	Appearance	Operating position		Model	Contact block		LED block	
					A contact	B contact	AC/DC voltage	AC voltage
Long shark-head lever, extended		3-position, spring return two-way		S2SRN-S6K □2A(M)	2	—	—	—
				S2SRN-S6K □2B(M)	—	2		
				S2SRN-S6K □AB(M)	1	1		
		3-position, maintained		S2SRN-S8K □2A(M)	2	—		
				S2SRN-S8K □2B(M)	—	2		
				S2SRN-S8K □AB(M)	1	1		
		3-position, spring return from right		S2SRN-SBK □2A(M)	2	—		
				S2SRN-SBK □2B(M)	—	2		
				S2SRN-SBK □AB(M)	1	1		
		3-position, spring return from left		S2SRN-SDK □2A(M)	2	—		
				S2SRN-SDK □2B(M)	—	2		
				S2SRN-SDK □AB(M)	1	1		
		3-position, spring return two-way		S2SRN-S6 □2A(M)	2	—		
				S2SRN-S6 □2B(M)	—	2		
				S2SRN-S6 □AB(M)	1	1		
		3-position, maintained		S2SRN-S8 □2A(M)	2	—		
				S2SRN-S8 □2B(M)	—	2		
				S2SRN-S8 □AB(M)	1	1		
		3-position, spring return from right		S2SRN-SB □2A(M)	2	—		
				S2SRN-SB □2B(M)	—	2		
				S2SRN-SB □AB(M)	1	1		
		3-position, spring return from left		S2SRN-SD □2A(M)	2	—		
				S2SRN-SD □2B(M)	—	2		
				S2SRN-SD □AB(M)	1	1		

※□ indicates color: **W**, **R**
 ※The M in the model name indicates modular type contact block. Models without M are singular contact block.
 ※The control unit and contact blocks are sold separately.
 (control unit: bold letters, contact block: regular letters)
 ※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.
 It will not operate if connected to the center slot.

• Dimensions

(unit: mm)




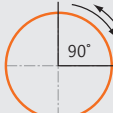

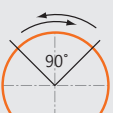

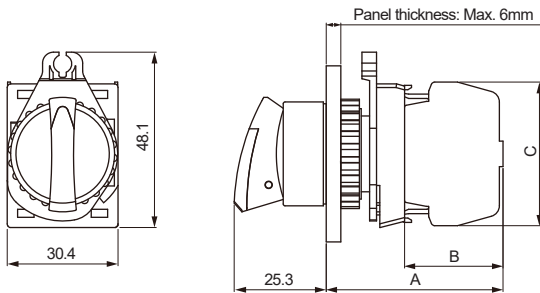
Panel thickness: Max. 6mm

	A	B	C
Singular type	48.5	27.0	39.4
Modular type	46.5	25.0	34.2

※For panel cut-out dimensions, please refer to page A-82.






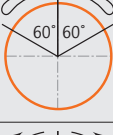
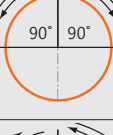
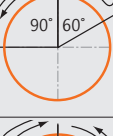



Ø22/25 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Short shark-head lever, extended (illuminated)	 S2SRN-L1AR□ 	2-position, spring return		S2SRN-L1A□AL(M)	1	—	—	1												
				S2SRN-L1A□2AL(M)	2	—														
				S2SRN-L1A□BL(M)	—	1														
				S2SRN-L1A□2BL(M)	—	2														
				S2SRN-L1A□ABL(M)	1	1														
		2-position, maintained		S2SRN-L3A□AL(M)	1	—														
				S2SRN-L3A□2AL(M)	2	—														
				S2SRN-L3A□BL(M)	—	1														
				S2SRN-L3A□2BL(M)	—	2														
				S2SRN-L3A□ABL(M)	1	1														
		2-position, spring return		S2SRN-L1B□AL(M)	1	—														
				S2SRN-L1B□2AL(M)	2	—														
				S2SRN-L1B□BL(M)	—	1														
				S2SRN-L1B□2BL(M)	—	2														
				S2SRN-L1B□ABL(M)	1	1														
		2-position, maintained		S2SRN-L3B□AL(M)	1	—														
				S2SRN-L3B□2AL(M)	2	—														
				S2SRN-L3B□BL(M)	—	1														
				S2SRN-L3B□2BL(M)	—	2														
				S2SRN-L3B□ABL(M)	1	1														
		2-position, spring return		S2SRN-L1□AL(M)	1	—														
				S2SRN-L1□2AL(M)	2	—														
				S2SRN-L1□BL(M)	—	1														
				S2SRN-L1□2BL(M)	—	2														
				S2SRN-L1□ABL(M)	1	1														
※□ indicates color: R , B , G , Y ※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact and LED block: regular letters) ※The LED color is the same as the control unit. ※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																				
• Dimensions (unit: mm)																				
<div><table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table></div> <div>※For panel cut-out dimensions, please refer to page A-82.</div>										A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C																	
Singular type	48.5	27.0	39.4																	
Modular type	46.5	25.0	34.2																	



Ø22/25 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block	
					A contact	B contact	AC/DC voltage	AC voltage
Short shark-head lever, extended (illuminated)	 S2SRN-L1AR□	3-position, spring return two-way		S2SRN-L5K□2AL(M)	2	—	—	1
				S2SRN-L5K□2BL(M)	—	2		
				S2SRN-L5K□ABL(M)	1	1		
		3-position, maintained		S2SRN-L7K□2AL(M)	2	—		
				S2SRN-L7K□2BL(M)	—	2		
				S2SRN-L7K□ABL(M)	1	1		
		3-position, spring return from right		S2SRN-LAK□2AL(M)	2	—		
				S2SRN-LAK□2BL(M)	—	2		
				S2SRN-LAK□ABL(M)	1	1		
		3-position, spring return from left		S2SRN-LCK□2AL(M)	2	—		
				S2SRN-LCK□2BL(M)	—	2		
				S2SRN-LCK□ABL(M)	1	1		
		3-position, spring return two-way		S2SRN-L5□2AL(M)	2	—		
				S2SRN-L5□2BL(M)	—	2		
				S2SRN-L5□ABL(M)	1	1		
		3-position, maintained		S2SRN-L7□2AL(M)	2	—		
				S2SRN-L7□2BL(M)	—	2		
				S2SRN-L7□ABL(M)	1	1		
		3-position, spring return from right		S2SRN-LA□2AL(M)	2	—		
				S2SRN-LA□2BL(M)	—	2		
				S2SRN-LA□ABL(M)	1	1		
		3-position, spring return from left		S2SRN-LC□2AL(M)	2	—		
				S2SRN-LC□2BL(M)	—	2		
				S2SRN-LC□ABL(M)	1	1		

□ indicates color: **R**, **B**, **G**, **Y**

※The M in the model name indicates modular type contact block. Models without M are singular contact block.

※The control unit, contact blocks, LED blocks are sold separately.

(control unit: bold letters, contact and LED block: regular letters)

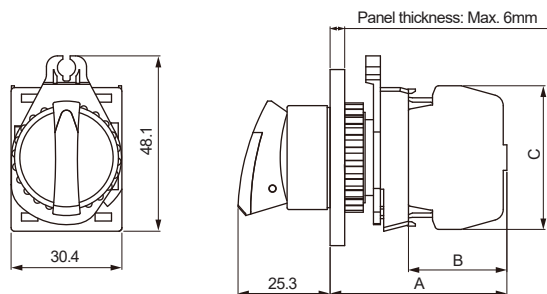
※The LED color is the same as the control unit.

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.

It will not operate if connected to the center slot.

• Dimensions

(unit: mm)



	A	B	C
Singular type	48.5	27.0	39.4
Modular type	46.5	25.0	34.2

※For panel cut-out dimensions, please refer to page A-82.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches



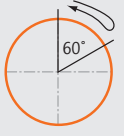
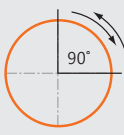

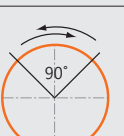
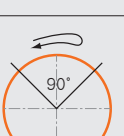
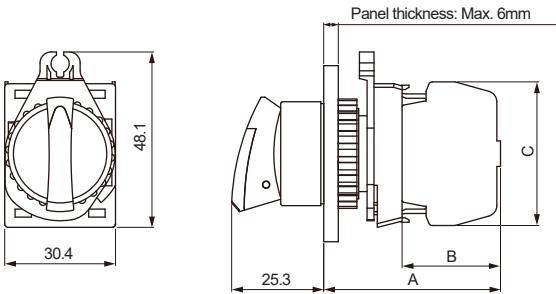
Pilot Lights

Accessories

Buzzers







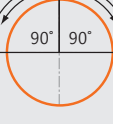
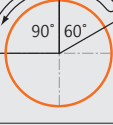
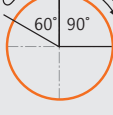


Ø22/25 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Short shark-head lever, extended (illuminated)	 S2SRN-L1AR□ 	2-position, spring return		S2SRN-L1A□AD(M)	1	—	1	—												
				S2SRN-L1A□2AD(M)	2	—														
				S2SRN-L1A□BD(M)	—	1														
				S2SRN-L1A□2BD(M)	—	2														
				S2SRN-L1A□ABD(M)	1	1														
		2-position, maintained		S2SRN-L3A□AD(M)	1	—														
				S2SRN-L3A□2AD(M)	2	—														
				S2SRN-L3A□BD(M)	—	1														
				S2SRN-L3A□2BD(M)	—	2														
				S2SRN-L3A□ABD(M)	1	1														
		2-position, spring return		S2SRN-L1B□AD(M)	1	—														
				S2SRN-L1B□2AD(M)	2	—														
				S2SRN-L1B□BD(M)	—	1														
				S2SRN-L1B□2BD(M)	—	2														
				S2SRN-L1B□ABD(M)	1	1														
		2-position, maintained		S2SRN-L3B□AD(M)	1	—														
				S2SRN-L3B□2AD(M)	2	—														
				S2SRN-L3B□BD(M)	—	1														
				S2SRN-L3B□2BD(M)	—	2														
				S2SRN-L3B□ABD(M)	1	1														
		2-position, spring return		S2SRN-L1□AD(M)	1	—														
				S2SRN-L1□2AD(M)	2	—														
				S2SRN-L1□BD(M)	—	1														
				S2SRN-L1□2BD(M)	—	2														
				S2SRN-L1□ABD(M)	1	1														
※□ indicates color: R , B , G , Y																				
※The M in the model name indicates modular type contact block. Models without M are singular contact block.																				
※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact and LED block: regular letters)																				
※The LED color is the same as the control unit.																				
※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																				
• Dimensions																				
(unit: mm)																				
																				
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	A	B	C																	
Singular type	48.5	27.0	39.4																	
Modular type	46.5	25.0	34.2																	
※For panel cut-out dimensions, please refer to page A-82.																				



Ø22/25 Selector Switches

Type	Appearance	Operating position	Model	Contact block		LED block	
				A contact	B contact	AC/DC voltage	AC voltage
Short shark-head lever, extended (illuminated)	 S2SRN-L1AR□	3-position, spring return two-way	 S2SRN-L5K□2AD(M)	2	—	1	—
			S2SRN-L5K□2BD(M)	—	2		
			S2SRN-L5K□ABD(M)	1	1		
		3-position, maintained	 S2SRN-L7K□2AD(M)	2	—		
			S2SRN-L7K□2BD(M)	—	2		
			S2SRN-L7K□ABD(M)	1	1		
		3-position, spring return from right	 S2SRN-LAK□2AD(M)	2	—		
			S2SRN-LAK□2BD(M)	—	2		
			S2SRN-LAK□ABD(M)	1	1		
		3-position, spring return from left	 S2SRN-LCK□2AD(M)	2	—		
			S2SRN-LCK□2BD(M)	—	2		
			S2SRN-LCK□ABD(M)	1	1		
		3-position, spring return two-way	 S2SRN-L5□2AD(M)	2	—		
			S2SRN-L5□2BD(M)	—	2		
			S2SRN-L5□ABD(M)	1	1		
		3-position, maintained	 S2SRN-L7□2AD(M)	2	—		
			S2SRN-L7□2BD(M)	—	2		
			S2SRN-L7□ABD(M)	1	1		
		3-position, spring return from right	 S2SRN-LA□2AD(M)	2	—		
			S2SRN-LA□2BD(M)	—	2		
			S2SRN-LA□ABD(M)	1	1		
		3-position, spring return from left	 S2SRN-LC□2AD(M)	2	—		
			S2SRN-LC□2BD(M)	—	2		
			S2SRN-LC□ABD(M)	1	1		

□ indicates color: R, B, G, Y

※The M in the model name indicates modular type contact block. Models without M are singular contact block.

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(control unit: bold letters, contact and LED block: regular letters)

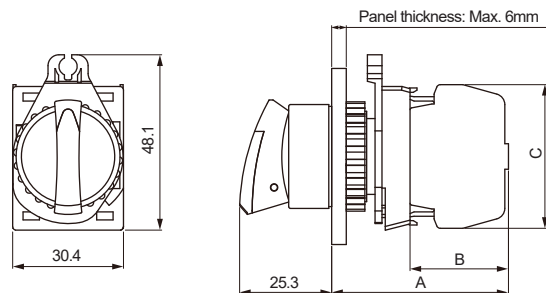
※The LED color is the same as the control unit.

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.

It will not operate if connected to the center slot.

• Dimensions

(unit: mm)



	A	B	C
Singular type	48.5	27.0	39.4
Modular type	46.5	25.0	34.2

※For panel cut-out dimensions, please refer to page A-82.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches



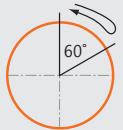
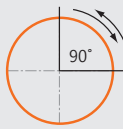



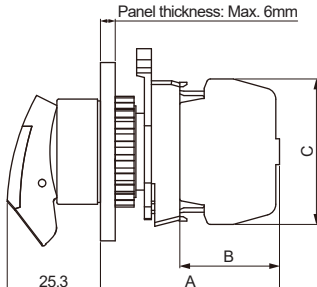
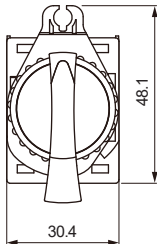
Pilot Lights

Accessories

Buzzers



Ø22/25 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Long shark-head lever, extended (illuminated)	<div> S2SRN-L2AR□ </div>	2-position, spring return		S2SRN-L2A□AL(M)	1	—	—	1												
				S2SRN-L2A□2AL(M)	2	—														
				S2SRN-L2A□BL(M)	—	1														
				S2SRN-L2A□2BL(M)	—	2														
				S2SRN-L2A□ABL(M)	1	1														
		2-position, maintained		S2SRN-L4A□AL(M)	1	—														
				S2SRN-L4A□2AL(M)	2	—														
				S2SRN-L4A□BL(M)	—	1														
				S2SRN-L4A□2BL(M)	—	2														
				S2SRN-L4A□ABL(M)	1	1														
		2-position, spring return		S2SRN-L2B□AL(M)	1	—														
				S2SRN-L2B□2AL(M)	2	—														
				S2SRN-L2B□BL(M)	—	1														
				S2SRN-L2B□2BL(M)	—	2														
				S2SRN-L2B□ABL(M)	1	1														
		2-position, maintained		S2SRN-L4B□AL(M)	1	—														
				S2SRN-L4B□2AL(M)	2	—														
				S2SRN-L4B□BL(M)	—	1														
				S2SRN-L4B□2BL(M)	—	2														
				S2SRN-L4B□ABL(M)	1	1														
		2-position, spring return		S2SRN-L2□AL(M)	1	—														
				S2SRN-L2□2AL(M)	2	—														
				S2SRN-L2□BL(M)	—	1														
				S2SRN-L2□2BL(M)	—	2														
				S2SRN-L2□ABL(M)	1	1														
※□ indicates color: R , B , G , Y																				
※The M in the model name indicates modular type contact block. Models without M are singular contact block.																				
※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact and LED block: regular letters)																				
※The LED color is the same as the control unit.																				
※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																				
• Dimensions																				
(unit: mm)																				
<div><table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table></div>										A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C																	
Singular type	48.5	27.0	39.4																	
Modular type	46.5	25.0	34.2																	
※For panel cut-out dimensions, please refer to page A-82.																				



Ø22/25 Selector Switches

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches







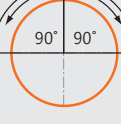
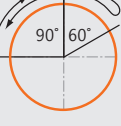

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

Type	Appearance	Operating position		Model	Contact block		LED block	
					A contact	B contact	AC/DC voltage	AC voltage
Long shark-head lever, extended (illuminated)	 S2SRN-L2AR□	3-position, spring return two-way		S2SRN-L6K□2AL(M)	2	—	—	1
				S2SRN-L6K□2BL(M)	—	2		
				S2SRN-L6K□ABL(M)	1	1		
		3-position, maintained		S2SRN-L8K□2AL(M)	2	—		
				S2SRN-L8K□2BL(M)	—	2		
				S2SRN-L8K□ABL(M)	1	1		
		3-position, spring return from right		S2SRN-LBK□2AL(M)	2	—		
				S2SRN-LBK□2BL(M)	—	2		
				S2SRN-LBK□ABL(M)	1	1		
		3-position, spring return from left		S2SRN-LDK□2AL(M)	2	—		
				S2SRN-LDK□2BL(M)	—	2		
				S2SRN-LDK□ABL(M)	1	1		
		3-position, spring return two-way		S2SRN-L6□2AL(M)	2	—		
				S2SRN-L6□2BL(M)	—	2		
				S2SRN-L6□ABL(M)	1	1		
		3-position, maintained		S2SRN-L8□2AL(M)	2	—		
				S2SRN-L8□2BL(M)	—	2		
				S2SRN-L8□ABL(M)	1	1		
		3-position, spring return from right		S2SRN-LB□2AL(M)	2	—		
				S2SRN-LB□2BL(M)	—	2		
				S2SRN-LB□ABL(M)	1	1		
		3-position, spring return from left		S2SRN-LD□2AL(M)	2	—		
				S2SRN-LD□2BL(M)	—	2		
				S2SRN-LD□ABL(M)	1	1		

※□ indicates color: R, B, G, Y

※The M in the model name indicates modular type contact block. Models without M are singular contact block.

※The control unit, contact blocks, LED blocks are sold separately.

(control unit: bold letters, contact and LED block: regular letters)

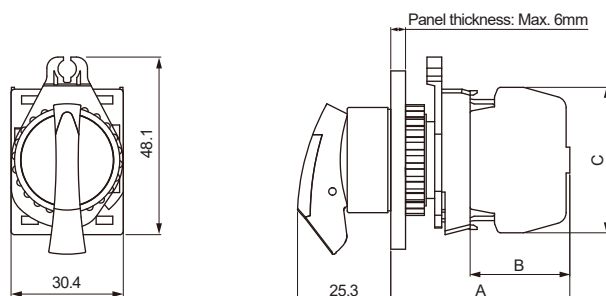
※The LED color is the same as the control unit.

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.

It will not operate if connected to the center slot.

• Dimensions

(unit: mm)



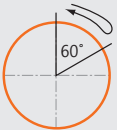
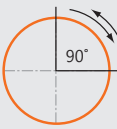



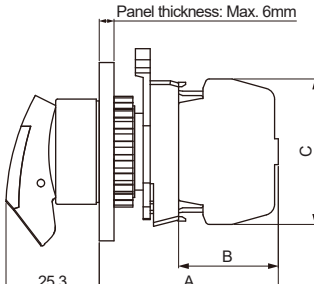
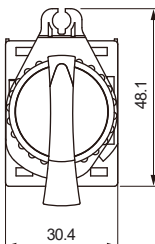


	A	B	C
Singular type	48.5	27.0	39.4
Modular type	46.5	25.0	34.2

※For panel cut-out dimensions, please refer to page A-82.






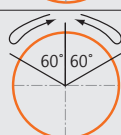
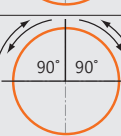
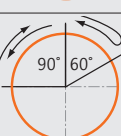
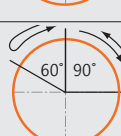


Ø22/25 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Long shark-head lever, extended (illuminated)	 S2SRN-L2AR□ 	2-position, spring return		S2SRN-L2A □AD(M)	1	—	1	—												
				S2SRN-L2A □2AD(M)	2	—														
				S2SRN-L2A □BD(M)	—	1														
				S2SRN-L2A □2BD(M)	—	2														
				S2SRN-L2A □ABD(M)	1	1														
		2-position, maintained		S2SRN-L4A □AD(M)	1	—														
				S2SRN-L4A □2AD(M)	2	—														
				S2SRN-L4A □BD(M)	—	1														
				S2SRN-L4A □2BD(M)	—	2														
				S2SRN-L4A □ABD(M)	1	1														
		2-position, spring return		S2SRN-L2B □AD(M)	1	—														
				S2SRN-L2B □2AD(M)	2	—														
				S2SRN-L2B □BD(M)	—	1														
				S2SRN-L2B □2BD(M)	—	2														
				S2SRN-L2B □ABD(M)	1	1														
		2-position, maintained		S2SRN-L4B □AD(M)	1	—														
				S2SRN-L4B □2AD(M)	2	—														
				S2SRN-L4B □BD(M)	—	1														
				S2SRN-L4B □2BD(M)	—	2														
				S2SRN-L4B □ABD(M)	1	1														
		2-position, spring return		S2SRN-L2 □AD(M)	1	—														
				S2SRN-L2 □2AD(M)	2	—														
				S2SRN-L2 □BD(M)	—	1														
				S2SRN-L2 □2BD(M)	—	2														
				S2SRN-L2 □ABD(M)	1	1														
※□ indicates color: R , B , G , Y ※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact and LED block: regular letters) ※The LED color is the same as the control unit. ※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																				
• Dimensions (unit: mm)																				
<div><table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table></div>										A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C																	
Singular type	48.5	27.0	39.4																	
Modular type	46.5	25.0	34.2																	
※For panel cut-out dimensions, please refer to page A-82.																				



Ø22/25 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block	
					A contact	B contact	AC/DC voltage	AC voltage
Long shark-head lever, extended (illuminated)		3-position, spring return two-way		S2SRN-L6K□2AD(M)	2	—	1	—
				S2SRN-L6K□2BD(M)	—	2		
				S2SRN-L6K□ABD(M)	1	1		
		3-position, maintained		S2SRN-L8K□2AD(M)	2	—		
				S2SRN-L8K□2BD(M)	—	2		
				S2SRN-L8K□ABD(M)	1	1		
		3-position, spring return from right		S2SRN-LBK□2AD(M)	2	—		
				S2SRN-LBK□2BD(M)	—	2		
				S2SRN-LBK□ABD(M)	1	1		
		3-position, spring return from left		S2SRN-LDK□2AD(M)	2	—		
				S2SRN-LDK□2BD(M)	—	2		
				S2SRN-LDK□ABD(M)	1	1		
		3-position, spring return two-way		S2SRN-L6□2AD(M)	2	—		
				S2SRN-L6□2BD(M)	—	2		
				S2SRN-L6□ABD(M)	1	1		
		3-position, maintained		S2SRN-L8□2AD(M)	2	—		
				S2SRN-L8□2BD(M)	—	2		
				S2SRN-L8□ABD(M)	1	1		
		3-position, spring return from right		S2SRN-LB□2AD(M)	2	—		
				S2SRN-LB□2BD(M)	—	2		
				S2SRN-LB□ABD(M)	1	1		
		3-position, spring return from left		S2SRN-LD□2AD(M)	2	—		
				S2SRN-LD□2BD(M)	—	2		
				S2SRN-LD□ABD(M)	1	1		

□ indicates color: **R**, **B**, **G**, **Y**

※The M in the model name indicates modular type contact block. Models without M are singular contact block.

※The control unit, contact blocks, LED blocks are sold separately.

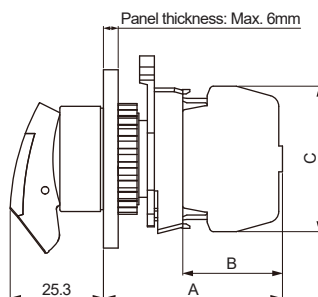
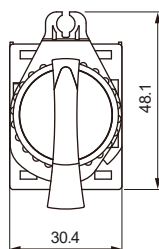
(control unit: bold letters, contact and LED block: regular letters)

※The LED color is the same as the control unit.

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.

• Dimensions

(unit: mm)



	A	B	C
Singular type	48.5	27.0	39.4
Modular type	46.5	25.0	34.2

※For panel cut-out dimensions, please refer to page A-82.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches



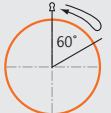
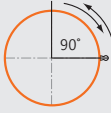
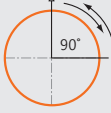
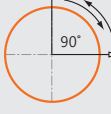
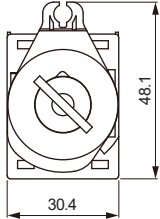
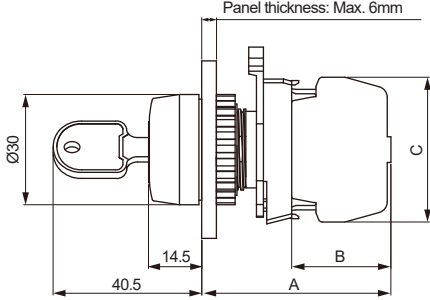
Emergency Switches

Pilot Lights

Accessories




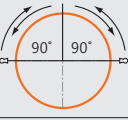
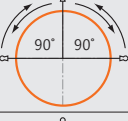
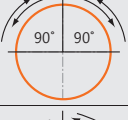
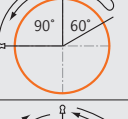
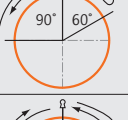

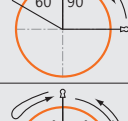
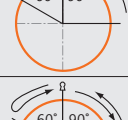

Buzzers

Ø22/25 Round Key Selector Switches (S2KR Series)

Type	Appearance	Operating position	Model	Contact block		LED block												
				A contact	B contact	AC/DC voltage	AC voltage											
Extended	<div> S2KR-1EK□</div> <div></div>	2-position, spring return key removal: center		S2KR-1E□A(M)	1	—	—	—										
				S2KR-1E□2A(M)	2	—												
				S2KR-1E□B(M)	—	1												
				S2KR-1E□2B(M)	—	2												
				S2KR-1E□AB(M)	1	1												
		2-position, maintained key removal: right		S2KR-2D□A(M)	1	—												
				S2KR-2D□2A(M)	2	—												
				S2KR-2D□B(M)	—	1												
				S2KR-2D□2B(M)	—	2												
				S2KR-2D□AB(M)	1	1												
		2-position, maintained key removal: center		S2KR-2E□A(M)	1	—												
				S2KR-2E□2A(M)	2	—												
				S2KR-2E□B(M)	—	1												
				S2KR-2E□2B(M)	—	2												
				S2KR-2E□AB(M)	1	1												
		2-position, maintained key removal: center + right		S2KR-2F□A(M)	1	—												
				S2KR-2F□2A(M)	2	—												
				S2KR-2F□B(M)	—	1												
				S2KR-2F□2B(M)	—	2												
				S2KR-2F□AB(M)	1	1												
		※□ indicates color: K , S																
		※The M in the model name indicates modular type contact block. Models without M are singular contact block.																
		※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)																
		※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																
		• Dimensions																
		<div></div>																
		<div></div>																
		Panel thickness: Max. 6mm																
		<table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>Singular type</td><td>51.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>49.5</td><td>25.0</td><td>34.2</td></tr></table>				A			B	C	Singular type	51.5	27.0	39.4	Modular type	49.5	25.0	34.2
	A	B	C															
Singular type	51.5	27.0	39.4															
Modular type	49.5	25.0	34.2															
(unit: mm)																		
※For panel cut-out dimensions, please refer to page A-82.																		



Ø22/25 Key Selector Switches

Type	Appearance	Operating position	Model	Contact block		LED block	
				A contact	B contact	AC/DC voltage	AC voltage
Extended	 S2KR-3EK□ 	3-position, spring return two-way key removal: center	 S2KR-3E□2A(M) S2KR-3E□2B(M) S2KR-3E□AB(M)	2 — 1	— 2 1	—	—
		3-position, maintained key removal: left + right	 S2KR-4B□2A(M) S2KR-4B□2B(M) S2KR-4B□AB(M)	2 — 1	— 2 1		
		3-position, maintained key removal: left+center + right	 S2KR-4C□2A(M) S2KR-4C□2B(M) S2KR-4C□AB(M)	2 — 1	— 2 1		
		3-position, maintained key removal: center	 S2KR-4E□2A(M) S2KR-4E□2B(M) S2KR-4E□AB(M)	2 — 1	— 2 1		
		3-position, spring return from right key removal: left	 S2KR-5A□2A(M) S2KR-5A□2B(M) S2KR-5A□AB(M)	2 — 1	— 2 1		
		3-position, spring return from right key removal: center	 S2KR-5E□2A(M) S2KR-5E□2B(M) S2KR-5E□AB(M)	2 — 1	— 2 1		
		3-position, spring return from right key removal: left+center	 S2KR-5G□2A(M) S2KR-5G□2B(M) S2KR-5G□AB(M)	2 — 1	— 2 1		
		3-position, spring return from left key removal: right	 S2KR-6D□2A(M) S2KR-6D□2B(M) S2KR-6D□AB(M)	2 — 1	— 2 1		
		3-position, spring return from left key removal: center	 S2KR-6E□2A(M) S2KR-6E□2B(M) S2KR-6E□AB(M)	2 — 1	— 2 1		
		3-position, spring return from left key removal: center + right	 S2KR-6F□2A(M) S2KR-6F□2B(M) S2KR-6F□AB(M)	2 — 1	— 2 1		

※□ indicates color: **K**, **S**

※The M in the model name indicates modular type contact block. Models without M are singular contact block.

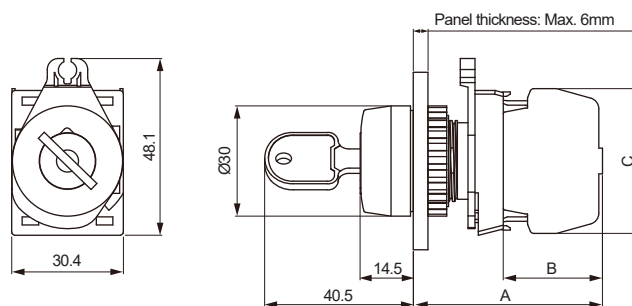
※The control unit, contact blocks, LED blocks are sold separately.

(control unit: bold letters, contact block: regular letters)

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.

• Dimensions

(unit: mm)



	A	B	C
Singular type	51.5	27.0	39.4
Modular type	49.5	25.0	34.2

※For panel cut-out dimensions, please refer to page A-82.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches



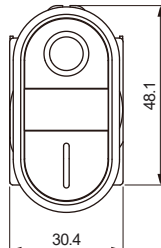
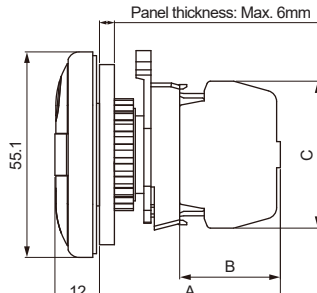
Pilot Lights



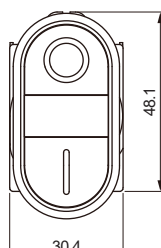
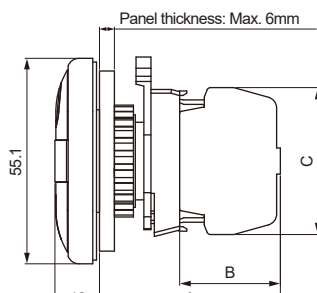
Accessories

Buzzers

Ø22/25 Double Push Button Switches


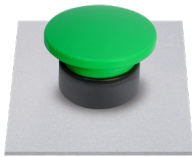
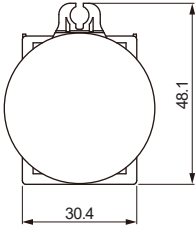
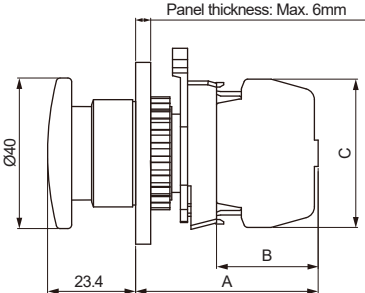
Ø22/25 Double Push Button Switches (S2TR Series)

Type	Appearance	Model	Contact block		LED block													
			A contact	B contact	AC/DC voltage	AC voltage												
Extended	 S2TR-P3W□ 	S2TR-P1W2A(M)	2	—	—	—												
		S2TR-P1W2B(M)	—	2	—	—												
		S2TR-P1WAB(M)	1	1	—	—												
		※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact and LED block: regular letters)																
		• Dimensions	(unit: mm)															
			 Panel thickness: Max. 6mm															
			<table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table>					A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C															
Singular type	48.5	27.0	39.4															
Modular type	46.5	25.0	34.2															
		※For panel cut-out dimensions, please refer to page A-82.																

Type	Appearance	Model	Contact block		LED block													
			A contact	B contact	AC/DC voltage	AC voltage												
Extended (illuminated)	 S2TR-P3W□ 	S2TR-P3W2AD(M)	2	—	1	—												
		S2TR-P3W2AL(M)	2	—	—	1												
		S2TR-P3W2BD(M)	—	2	1	—												
		S2TR-P3W2BL(M)	—	2	—	1												
		S2TR-P3WABD(M)	1	1	1	—												
		S2TR-P3WABL(M)	1	1	—	1												
		※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact and LED block: regular letters)																
		• Dimensions	(unit: mm)															
			 Panel thickness: Max. 6mm															
			<table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table>					A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C															
Singular type	48.5	27.0	39.4															
Modular type	46.5	25.0	34.2															
		※For panel cut-out dimensions, please refer to page A-82.																



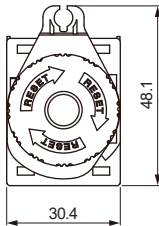
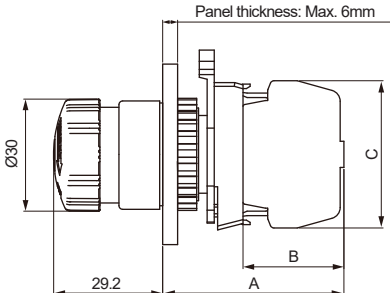
S Ø22/25 Mushroom-head Push Button Switches



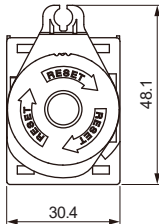
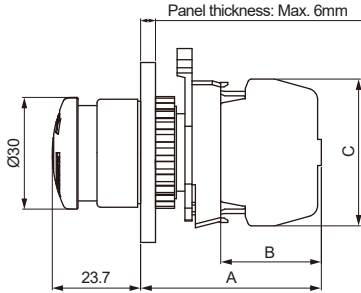
Ø22/25 Mushroom-head Push Button Switches (S2BR Series)

Type	Appearance	Model	Contact block		LED block												
			A contact	B contact	AC/DC voltage	AC voltage											
Extended	 S2BR-P1G□ 	S2BR-P1□A(M)	1	—	—	—											
		S2BR-P1□2A(M)	2	—													
		S2BR-P1□3A(M)	3	—													
		S2BR-P1□B(M)	—	1													
		S2BR-P1□2B(M)	—	2													
		S2BR-P1□3B(M)	—	3													
		S2BR-P1□AB(M)	1	1													
		S2BR-P1□2AB(M)	2	1													
		S2BR-P1□A2B(M)	1	2													
		※□ indicates color: R , G ※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)															
• Dimensions		(unit: mm)															
																	
		<table border="1"><thead><tr><th></th><th>A</th><th>B</th><th>C</th></tr></thead><tbody><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></tbody></table>					A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C														
Singular type	48.5	27.0	39.4														
Modular type	46.5	25.0	34.2														
		※For panel cut-out dimensions, please refer to page A-82.															

Control Switches
Ø16
Ø22/25
Ø30
□30
Push Button Switches
Round
Square
Rectangular
Selector Switches
Round
Square
Rectangular
Key Selector Switches
Round
Square
Rectangular
Double Push Button Switches
Mushroom-head Push Button Switches
Emergency Switches
Pilot Lights
Accessories
Buzzers

Ø22/25 Emergency Switches (S2ER Series)

Type	Appearance	Model	Contact block		LED block												
			A contact	B contact	AC/DC voltage	AC voltage											
D30 (long head)	 S2ER-E1R□ 	S2ER-E1RA(M)	1	—	—	—											
		S2ER-E1R2A(M)	2	—													
		S2ER-E1R3A(M)	3	—													
		S2ER-E1RB(M)	—	1													
		S2ER-E1R2B(M)	—	2													
		S2ER-E1R3B(M)	—	3													
		S2ER-E1RAB(M)	1	1													
		S2ER-E1R2AB(M)	2	1													
		S2ER-E1RA2B(M)	1	2													
		※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)															
• Dimensions		(unit: mm)															
				<table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table>			A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C														
Singular type	48.5	27.0	39.4														
Modular type	46.5	25.0	34.2														
※For panel cut-out dimensions, please refer to page A-82.																	

Type	Appearance	Model	Contact block		LED block												
			A contact	B contact	AC/DC voltage	AC voltage											
D30 (short head)	 S2ER-E2R□ 	S2ER-E2RA(M)	1	—	—	—											
		S2ER-E2R2A(M)	2	—													
		S2ER-E2R3A(M)	3	—													
		S2ER-E2RB(M)	—	1													
		S2ER-E2R2B(M)	—	2													
		S2ER-E2R3B(M)	—	3													
		S2ER-E2RAB(M)	1	1													
		S2ER-E2R2AB(M)	2	1													
		S2ER-E2RA2B(M)	1	2													
		※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)															
• Dimensions		(unit: mm)															
				<table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table>			A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C														
Singular type	48.5	27.0	39.4														
Modular type	46.5	25.0	34.2														
※For panel cut-out dimensions, please refer to page A-82.																	



Ø22/25 Emergency Switches

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches


Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

Type	Appearance	Model	Contact block		LED block	
			A contact	B contact	AC/DC voltage	AC voltage
D40 (short head)		S2ER-E3RA(M)	1	—	—	—
		S2ER-E3RA(M)	2	—		
		S2ER-E3R3A(M)	3	—		
		S2ER-E3RB(M)	—	1		
		S2ER-E3R2B(M)	—	2		
		S2ER-E3R3B(M)	—	3		
		S2ER-E3RAB(M)	1	1		
		S2ER-E3R2AB(M)	2	1		
		S2ER-E3RA2B(M)	1	2		

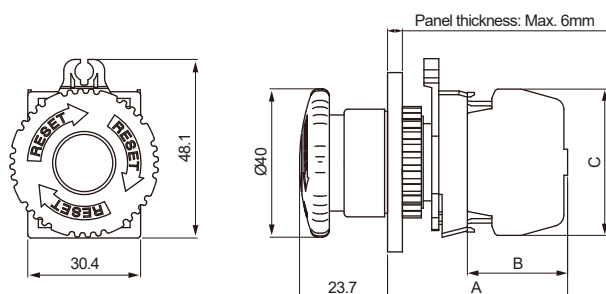
※The M in the model name indicates modular type contact block. Models without M are singular contact block.

※The control unit, contact blocks, LED blocks are sold separately.

(control unit: bold letters, contact block: regular letters)


• Dimensions

(unit: mm)



	A	B	C
Singular type	48.5	27.0	39.4
Modular type	46.5	25.0	34.2

※For panel cut-out dimensions, please refer to page A-82.

Type	Appearance	Model	Contact block		LED block	
			A contact	B contact	AC/DC voltage	AC voltage
D40 (short head/ illuminated)		S2ER-E4RAD(M)	1	—	1	—
		S2ER-E4R2AD(M)	2	—	1	—
		S2ER-E4R3A(M)	3	—	—	—
		S2ER-E4RBD(M)	—	1	1	—
		S2ER-E4R2BD(M)	—	2	1	—
		S2ER-E4R3B(M)	—	3	—	—
		S2ER-E4RABL(M)	1	1	—	1
		S2ER-E4R2AB(M)	2	1	—	—
		S2ER-E4RA2B(M)	1	2	—	—

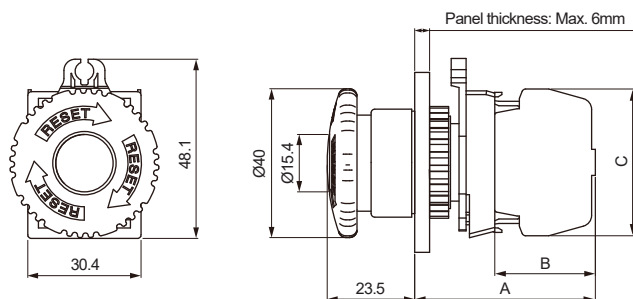
※The M in the model name indicates modular type contact block. Models without M are singular contact block.

※The control unit, contact blocks, LED blocks are sold separately.

(control unit: bold letters, contact block, LED block: regular letters)



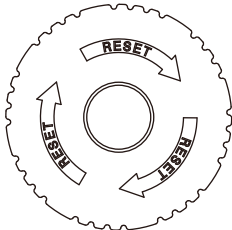
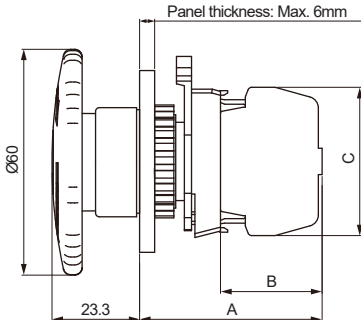
• Dimensions

(unit: mm)




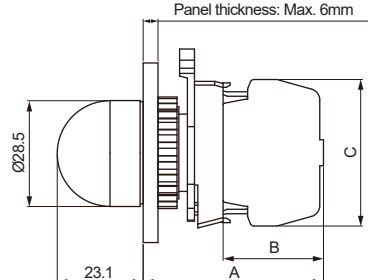
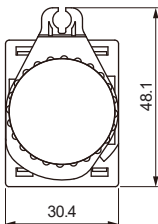

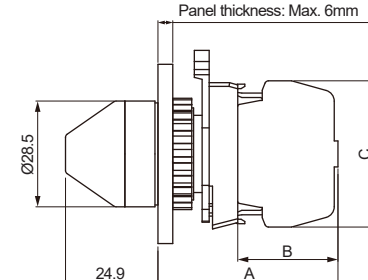
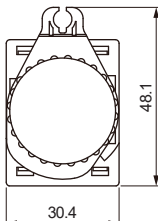
	A	B	C
Singular type	48.5	27.0	39.4
Modular type	46.5	25.0	34.2

※For panel cut-out dimensions, please refer to page A-82.

Type	Appearance	Model	Contact block		LED block												
			A contact	B contact	AC/DC voltage	AC voltage											
D60 (short head)	  S2ER-E5R□	S2ER-E5RA(M)	1	—	—	—											
		S2ER-E5R2A(M)	2	—													
		S2ER-E5R3A(M)	3	—													
		S2ER-E5RB(M)	—	1													
		S2ER-E5R2B(M)	—	2													
		S2ER-E5R3B(M)	—	3													
		S2ER-E5RAB(M)	1	1													
		S2ER-E5R2AB(M)	2	1													
		S2ER-E5RA2B(M)	1	2													
		※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)															
• Dimensions																	
<div><div></div><div></div><div><table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table></div></div> <div>(unit: mm)</div>							A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C														
Singular type	48.5	27.0	39.4														
Modular type	46.5	25.0	34.2														
※For panel cut-out dimensions, please refer to page A-82.																	



Ø22/25 Pilot Lights (L2RR Series)

Type	Appearance	Model	Contact block		LED block													
			A contact	B contact	AC/DC voltage	AC voltage												
Dome head, extended	 L2RR-L1G□	L2RR-L1□D(M)	—	—	1	—												
		L2RR-L1□L(M)			—	1												
<p>※□ indicates color: R, B, G, Y, W</p> <p>※The M in the model name indicates modular type LED block. Models without M are singular LED block.</p> <p>※The light unit and LED blocks are sold separately. (light unit: bold letters, LED block: regular letters)</p> <p>※The LED color is the same as the control unit.</p>																		
<p>• Dimensions</p> <p style="text-align: right;">(unit: mm)</p> <div><table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table></div> <p style="text-align: right;">※For panel cut-out dimensions, please refer to page A-82</p>								A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C															
Singular type	48.5	27.0	39.4															
Modular type	46.5	25.0	34.2															
Type	Appearance	Model	Contact block		LED block													
			A contact	B contact	AC/DC voltage	AC voltage												
Horn head, extended	 L2RR-L2Y□	L2RR-L2□D(M)	—	—	1	—												
		L2RR-L2□L(M)			—	1												
<p>※□ indicates color: R, B, G, Y, W</p> <p>※The M in the model name indicates modular type LED block. Models without M are singular LED block.</p> <p>※The light unit and LED blocks are sold separately. (light unit: bold letters, LED block: regular letters)</p> <p>※The LED color is the same as the control unit.</p>																		
<p>• Dimensions</p> <p style="text-align: right;">(unit: mm)</p> <div><table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table></div> <p style="text-align: right;">※For panel cut-out dimensions, please refer to page A-82</p>								A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5	25.0	34.2
	A	B	C															
Singular type	48.5	27.0	39.4															
Modular type	46.5	25.0	34.2															

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches



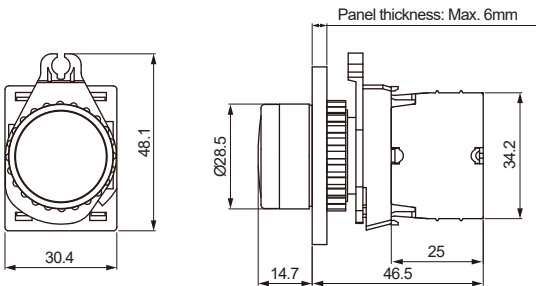
Pilot Lights



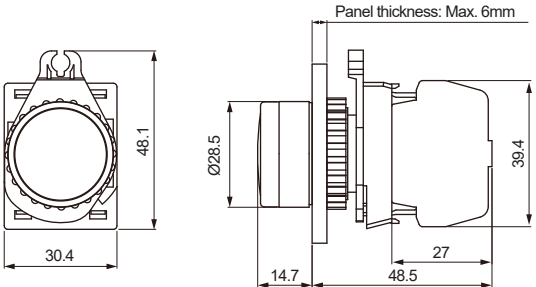
Accessories

Buzzers


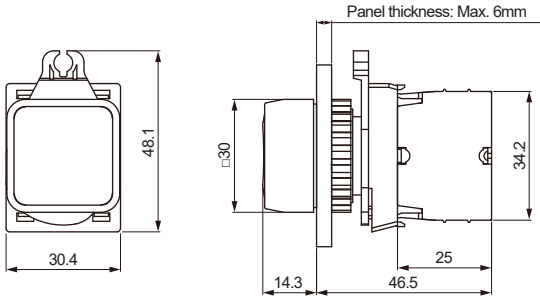



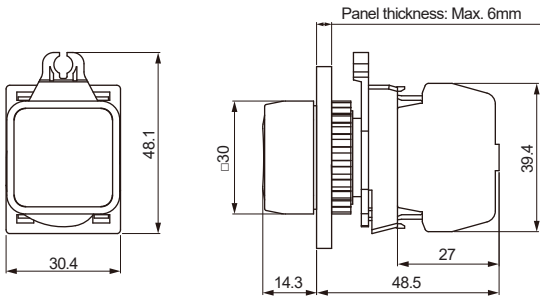
Ø22/25 Pilot Lights

Type	Appearance	Model	Contact block		LED block	
			A contact	B contact	AC/DC voltage	AC voltage
Flat round, extended	 L2RRU-L3R□ 	Modular contact L2RR(U)-L3□DM	—	—	1	—
		L2RR(U)-L3□LM			—	1
<p>※□ indicates color: R, B, G, Y, W</p> <p>※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)</p> <p>※Control unit+contact block (modular type) models do not contain "Push" markings on the button cap.</p> <p>※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Push" markings on the button cap.</p> <p>※The LED color is the same as the control unit. ※Waterproof cap (model: SA-WP) is available.</p>						
<p>• Dimensions (unit: mm)</p> <div></div> <p>※For panel cut-out dimensions, please refer to page A-82</p>						

Appearance	Model	Contact block		LED block	
		A contact	B contact	AC/DC voltage	AC voltage
 L2RR-L3R□ 	Singular contact L2RR(U)-L3□D	—	—	1	—
	L2RR(U)-L3□L			—	1
<p>※□ indicates color: R, B, G, Y, W</p> <p>※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)</p> <p>※Control unit+contact block (modular type) models do not contain "Push" markings on the button cap.</p> <p>※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Push" markings on the button cap.</p> <p>※The LED color is the same as the control unit. ※Waterproof cap (model: SA-WP) is available.</p>					
<p>• Dimensions (unit: mm)</p> <div></div> <p>※For panel cut-out dimensions, please refer to page A-82</p>					



Type	Appearance	Model	Contact block		LED block	
			A contact	B contact	AC/DC voltage	AC voltage
Flat round, extended	 L2RRU-L4B□	Modular contact L2RR(U)-L4□DM L2RR(U)-L4□LM	—	—	1	—
					—	1
<div>※□ indicates color: R, B, G, Y, W</div> <div>※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)</div> <div>※Control unit+contact block (modular type) models do not contain "Push" markings on the button cap.</div> <div>※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Push" markings on the button cap.</div> <div>※The LED color is the same as the control unit. ※Waterproof cap (model: SA-WP) is available.</div>						
		• Dimensions		(unit: mm)		
						
※For panel cut-out dimensions, please refer to page A-82.						

Appearance	Model	Contact block		LED block	
		A contact	B contact	AC/DC voltage	AC voltage
 L2RR-L4B□	Singular contact L2RR(U)-L4□D L2RR(U)-L4□L	—	—	1	—
				—	1
<div>※□ indicates color: R, B, G, Y, W</div> <div>※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)</div> <div>※Control unit+contact block (modular type) models do not contain "Push" markings on the button cap.</div> <div>※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Push" markings on the button cap.</div> <div>※The LED color is the same as the control unit. ※Waterproof cap (model: SA-WP) is available.</div>					
		• Dimensions		(unit: mm)	
					
※For panel cut-out dimensions, please refer to page A-82.					

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights


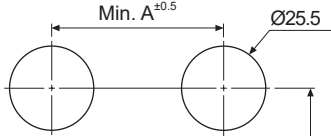
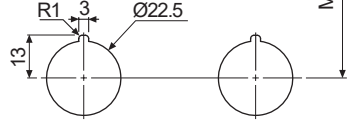









Accessories

Buzzers

Ø22/25 Panel Cut-out Dimensions

Ø22/25 Panel Cut-out Dimensions

(unit: mm)

Type			A	B	Panel Cut-out Dimensions
Round/Square Push Button Switches (S2PR/S2PRS Series)			33	55	<p><Mounting hole: Ø25></p>  <p><Mounting hole: Ø22></p> 
Round Selector Switches (S2SR/S2SRN Series)	Short lever		33	55	
	Long lever		55	55	
Round Key Selector Switches (S2KR Series)			33	55	
Double Push Button Switches (S2TR Series)			33	60	
Mushroom-head Push Button Switches (S2BR Series)			33	55	
Emergency Switches (S2ER Series)	D30		33	55	
	D40		55	55	
	D60		80	80	
Pilot Lights (L2RR Series)			33	55	

Ø30 Control Switches

Push Button Switches (S3PR/S3PF Series).....	A-84
Selector Switches (S3SF Series).....	A-86
Key Selector Switches (S3KF Series).....	A-102
Pilot Lights (L3RF Series).....	A-104
Panel Cut-out Dimensions.....	A-105

Push Button Switches



Selector Switches





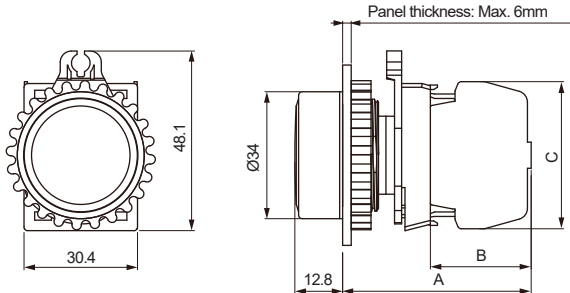


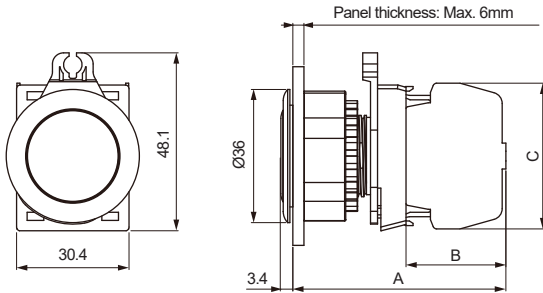
Key Selector Switches



Pilot Lights



Ø30 Round Push Button Switches (S3PR Series)

Type	Appearance	Model	Contact block		LED block											
			A contact	B contact	AC/DC voltage	AC voltage										
Extended	 S3PR-P1R□ 	S3PR-P1□A(M)	1	—	—	—										
		S3PR-P1□2A(M)	2	—												
		S3PR-P1□3A(M)	3	—												
		S3PR-P1□B(M)	—	1												
		S3PR-P1□2B(M)	—	2												
		S3PR-P1□3B(M)	—	3												
		S3PR-P1□AB(M)	1	1												
		S3PR-P1□2AB(M)	2	1												
		S3PR-P1□A2B(M)	1	2												
		※□ indicates color : ■ , ■ , ■ , ■ , ■ ※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)														
		• Dimensions (unit: mm)  <table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>50.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>48.5</td><td>25.0</td><td>34.2</td></tr></table> ※For panel cut-out dimensions, please refer to page A-105						A	B	C	Singular type	50.5	27.0	39.4	Modular type	48.5
	A	B	C													
Singular type	50.5	27.0	39.4													
Modular type	48.5	25.0	34.2													
Type	Appearance	Model	Contact block		LED block											
			A contact	B contact	AC/DC voltage	AC voltage										
Flush	 S3PF-P1B□ 	S3PF-P1□A(M)	1	—	—	—										
		S3PF-P1□2A(M)	2	—												
		S3PF-P1□3A(M)	3	—												
		S3PF-P1□B(M)	—	1												
		S3PF-P1□2B(M)	—	2												
		S3PF-P1□3B(M)	—	3												
		S3PF-P1□AB(M)	1	1												
		S3PF-P1□2AB(M)	2	1												
		S3PF-P1□A2B(M)	1	2												
		※□ indicates color : ■ , ■ , ■ , ■ , ■ ※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)														
		• Dimensions (unit: mm)  <table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>57.6</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>55.6</td><td>25.0</td><td>34.2</td></tr></table> ※For panel cut-out dimensions, please refer to page A-105						A	B	C	Singular type	57.6	27.0	39.4	Modular type	55.6
	A	B	C													
Singular type	57.6	27.0	39.4													
Modular type	55.6	25.0	34.2													



Ø30 Push Button Switches

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches



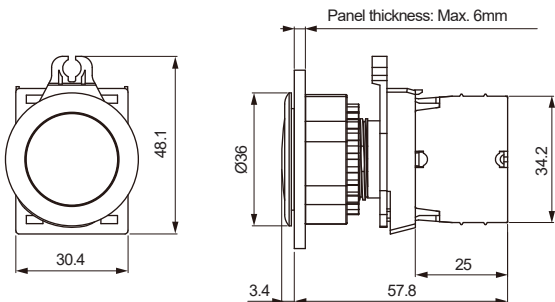
Mushroom-head Push Button Switches



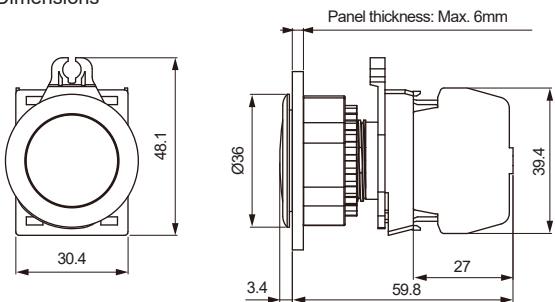
Emergency Switches

Pilot Lights









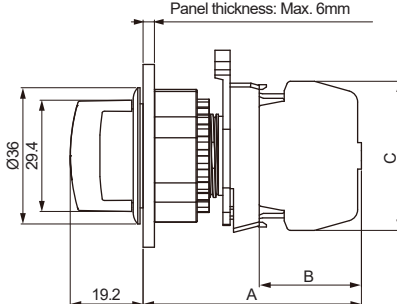
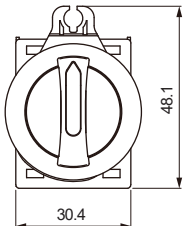
Accessories

Buzzers

Type	Appearance	Model	Contact block		LED block		
			A contact	B contact	AC/DC voltage	AC voltage	
Flush (illuminated)	 S3PFU-P3G□ 	Modular contact	S3PF(U)-P3□ADM	1	—	1	—
			S3PF(U)-P3□2ADM	2	—		
			S3PF(U)-P3□BDM	—	1		
			S3PF(U)-P3□2BDM	—	2		
			S3PF(U)-P3□ABDM	1	1		
			S3PF(U)-P3□ALM	1	—	—	1
			S3PF(U)-P3□2ALM	2	—		
			S3PF(U)-P3□BLM	—	1		
			S3PF(U)-P3□2BLM	—	2		
			S3PF(U)-P3□ABLM	1	1		
		※□ indicates color: R , B , G , Y , W ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters) ※Control unit+contact block (modular type) models do not contain "Push" markings on the button cap. ※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Push" markings on the button cap. ※The LED color is the same as the control unit. ※Waterproof cap (model: SA-WP) is available.					
		• Dimensions (unit: mm)  ※For panel cut-out dimensions, please refer to page A-105.					

Appearance	Model	Contact block		LED block		
		A contact	B contact	AC/DC voltage	AC voltage	
 S3PF-P3G□ 	Singular contact	S3PF(U)-P3□AD	1	—	1	—
		S3PF(U)-P3□2AD	2	—		
		S3PF(U)-P3□BD	—	1		
		S3PF(U)-P3□2BD	—	2		
		S3PF(U)-P3□ABD	1	1		
		S3PF(U)-P3□AL	1	—	—	1
		S3PF(U)-P3□2AL	2	—		
		S3PF(U)-P3□BL	—	1		
		S3PF(U)-P3□2BL	—	2		
		S3PF(U)-P3□ABL	1	1		
	※□ indicates color: R , B , G , Y , W ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters) ※Control unit+contact block (singular type) models contain "Push" markings on the button cap. ※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Push" markings on the button cap. ※The LED color is the same as the control unit. ※Waterproof cap (model: SA-WP) is available.					
	• Dimensions (unit: mm)  ※For panel cut-out dimensions, please refer to page A-105.					

Ø30 Round Standard Lever Selector Switches (S3SF Series)

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Standard short lever, flush	<div></div> <div>S3SF-S1R□</div> <div></div>	2-position, spring return		S3SF-S1□A(M)	1	—	—	—												
				S3SF-S1□2A(M)	2	—														
				S3SF-S1□B(M)	—	1														
				S3SF-S1□2B(M)	—	2														
				S3SF-S1□AB(M)	1	1														
		2-position, maintained		S3SF-S3□A(M)	1	—														
				S3SF-S3□2A(M)	2	—														
				S3SF-S3□B(M)	—	1														
				S3SF-S3□2B(M)	—	2														
				S3SF-S3□AB(M)	1	1														
		3-position, spring return two-way		S3SF-S5K□2A(M)	2	—														
				S3SF-S5K□2B(M)	—	2														
				S3SF-S5K□AB(M)	1	1														
		3-position, maintained		S3SF-S7K□2A(M)	2	—														
				S3SF-S7K□2B(M)	—	2														
				S3SF-S7K□AB(M)	1	1														
		3-position, spring return from right		S3SF-SAK□2A(M)	2	—														
				S3SF-SAK□2B(M)	—	2														
				S3SF-SAK□AB(M)	1	1														
		3-position, spring return from left		S3SF-SCK□2A(M)	2	—														
				S3SF-SCK□2B(M)	—	2														
				S3SF-SCK□AB(M)	1	1														
		※□ indicates color : W , R																		
		※The M in the model name indicates modular type contact block. Models without M are singular contact block.																		
※The control unit and contact blocks are sold separately. (control unit: bold letters, contact block: regular letters)																				
※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																				
• Dimensions <div style="text-align: right;">(unit: mm)</div> <div><table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>57.7</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>55.7</td><td>25.0</td><td>34.2</td></tr></table></div> <div>※For panel cut-out dimensions, please refer to page A-105.</div>										A	B	C	Singular type	57.7	27.0	39.4	Modular type	55.7	25.0	34.2
	A	B	C																	
Singular type	57.7	27.0	39.4																	
Modular type	55.7	25.0	34.2																	

Control Switches

Ø16

Ø22/25

Ø30

☐ 30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches


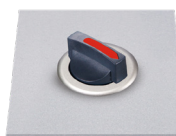

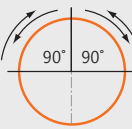
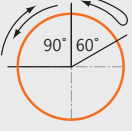

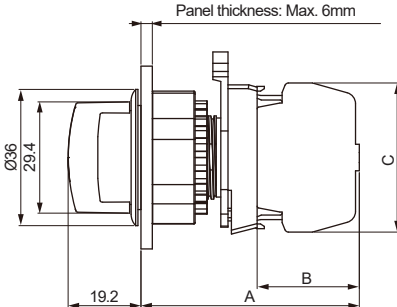
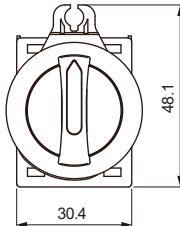
Mushroom-head Push Button Switches

Emergency Switches









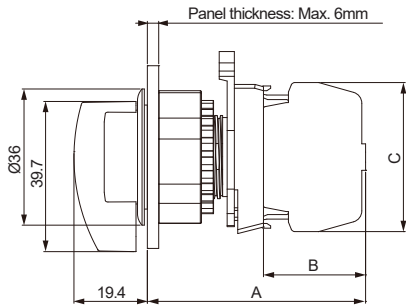
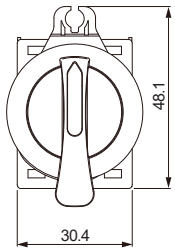
Pilot Lights



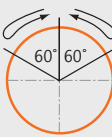
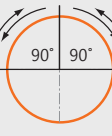
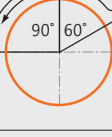
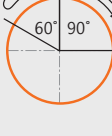
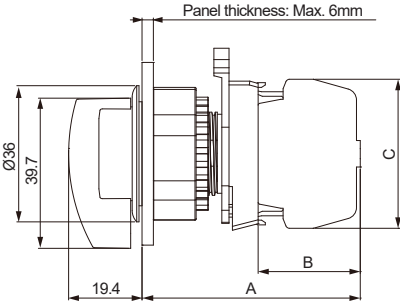
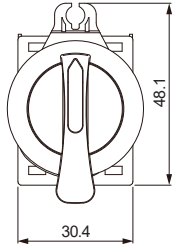
Accessories

Buzzers

Type	Appearance	Operating position	Model	Contact block		LED block													
				A contact	B contact	AC/DC voltage	AC voltage												
Standard short lever, flush	 S3SF-S1R□ 	3-position, spring return two-way		S3SF-S5□2A(M)	2	—	—	—											
			S3SF-S5□2B(M)	—	2														
			S3SF-S5□AB(M)	1	1														
		3-position, maintained		S3SF-S7□2A(M)	2	—													
				S3SF-S7□2B(M)	—	2													
				S3SF-S7□AB(M)	1	1													
		3-position, spring return from right		S3SF-SA□2A(M)	2	—													
				S3SF-SA□2B(M)	—	2													
				S3SF-SA□AB(M)	1	1													
		3-position, spring return from left		S3SF-SC□2A(M)	2	—													
				S3SF-SC□2B(M)	—	2													
				S3SF-SC□AB(M)	1	1													
		※□ indicates color : W , R ※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit and contact blocks are sold separately. (control unit: bold letters, contact block: regular letters) ※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																	
		• Dimensions <div>(unit: mm)</div> <div><table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>Singular type</td><td>57.7</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>55.7</td><td>25.0</td><td>34.2</td></tr></table></div> <div>※For panel cut-out dimensions, please refer to page A-105.</div>									A	B	C	Singular type	57.7	27.0	39.4	Modular type	55.7
	A	B	C																
Singular type	57.7	27.0	39.4																
Modular type	55.7	25.0	34.2																

Ø30 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Standard long lever, flush	<div> S3SF-S2W□</div> <div></div>	2-position, spring return		S3SF-S2□A(M)	1	—	—	—												
			S3SF-S2□2A(M)	2	—															
			S3SF-S2□B(M)	—	1															
			S3SF-S2□2B(M)	—	2															
			S3SF-S2□AB(M)	1	1															
		2-position, maintained		S3SF-S4□A(M)	1	—														
				S3SF-S4□2A(M)	2	—														
				S3SF-S4□B(M)	—	1														
				S3SF-S4□2B(M)	—	2														
				S3SF-S4□AB(M)	1	1														
		3-position, spring return two-way		S3SF-S6K□2A(M)	2	—														
				S3SF-S6K□2B(M)	—	2														
				S3SF-S6K□AB(M)	1	1														
		3-position, maintained		S3SF-S8K□2A(M)	2	—														
				S3SF-S8K□2B(M)	—	2														
				S3SF-S8K□AB(M)	1	1														
		3-position, spring return from right		S3SF-SBK□2A(M)	2	—														
				S3SF-SBK□2B(M)	—	2														
				S3SF-SBK□AB(M)	1	1														
		3-position, spring return from left		S3SF-SDK□2A(M)	2	—														
				S3SF-SDK□2B(M)	—	2														
				S3SF-SDK□AB(M)	1	1														
<div>※□ indicates color : W, R</div> <div>※The M in the model name indicates modular type contact block. Models without M are singular contact block.</div> <div>※The control unit and contact blocks are sold separately. (control unit: bold letters, contact block: regular letters)</div> <div>※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.</div>																				
<div>• Dimensions<div>(unit: mm)</div><div><table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>57.7</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>55.7</td><td>25.0</td><td>34.2</td></tr></table></div><div>※For panel cut-out dimensions, please refer to page A-105.</div></div>										A	B	C	Singular type	57.7	27.0	39.4	Modular type	55.7	25.0	34.2
	A	B	C																	
Singular type	57.7	27.0	39.4																	
Modular type	55.7	25.0	34.2																	

Type	Appearance	Operating position		Model	Contact block		LED block												
					A contact	B contact	AC/DC voltage	AC voltage											
Standard long lever, flush	 S3SF-S2W□ 	3-position, spring return two-way		S3SF-S6□2A(M)	2	—	—	—											
			S3SF-S6□2B(M)	—	2														
			S3SF-S6□2AB(M)	1	1														
		3-position, maintained		S3SF-S8□2A(M)	2	—													
				S3SF-S8□2B(M)	—	2													
				S3SF-S8□AB(M)	1	1													
		3-position, spring return from right		S3SF-SB□2A(M)	2	—													
				S3SF-SB□2B(M)	—	2													
				S3SF-SB□AB(M)	1	1													
		3-position, spring return from left		S3SF-SD□2A(M)	2	—													
				S3SF-SD□2B(M)	—	2													
				S3SF-SD□AB(M)	1	1													
		※□ indicates color : W , R ※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit and contact blocks are sold separately. (control unit: bold letters, contact block: regular letters) ※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																	
		• Dimensions <div style="text-align: right;">(unit: mm)</div> <div><table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>Singular type</td><td>57.7</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>55.7</td><td>25.0</td><td>34.2</td></tr></table></div>									A	B	C	Singular type	57.7	27.0	39.4	Modular type	55.7
	A	B	C																
Singular type	57.7	27.0	39.4																
Modular type	55.7	25.0	34.2																
※For panel cut-out dimensions, please refer to page A-105.																			

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches








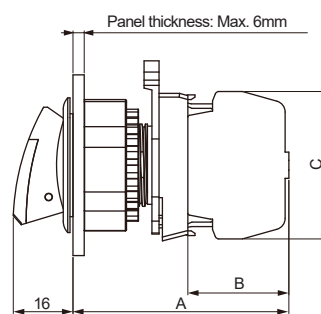
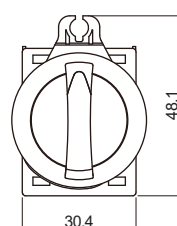
Emergency Switches







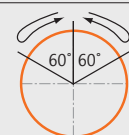
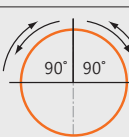
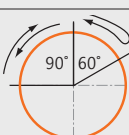
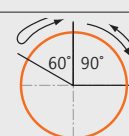
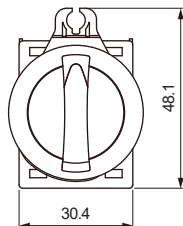
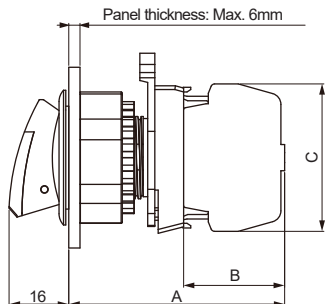
Pilot Lights

Accessories



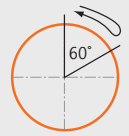
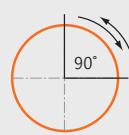

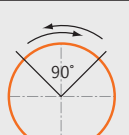

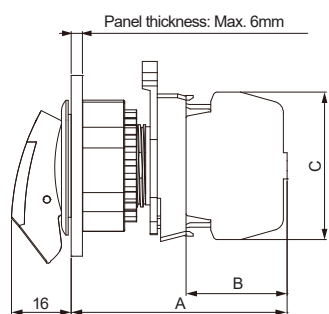
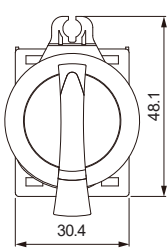
Buzzers








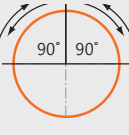

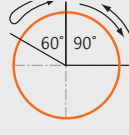
Ø30 Round Shark Lever Selector Switches (S3SFN Series)

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Short shark-head lever, flush	<div> S3SFN-S1AW□ </div>	2-position, spring return		S3SFN-S1A□A(M)	1	—	—	—												
				S3SFN-S1A□2A(M)	2	—														
				S3SFN-S1A□B(M)	—	1														
				S3SFN-S1A□2B(M)	—	2														
				S3SFN-S1A□AB(M)	1	1														
		2-position, maintained		S3SFN-S3A□A(M)	1	—														
				S3SFN-S3A□2A(M)	2	—														
				S3SFN-S3A□B(M)	—	1														
				S3SFN-S3A□2B(M)	—	2														
				S3SFN-S3A□AB(M)	1	1														
		2-position, spring return		S3SFN-S1B□A(M)	1	—														
				S3SFN-S1B□2A(M)	2	—														
				S3SFN-S1B□B(M)	—	1														
				S3SFN-S1B□2B(M)	—	2														
				S3SFN-S1B□AB(M)	1	1														
		2-position, maintained		S3SFN-S3B□A(M)	1	—														
				S3SFN-S3B□2A(M)	2	—														
				S3SFN-S3B□B(M)	—	1														
				S3SFN-S3B□2B(M)	—	2														
				S3SFN-S3B□AB(M)	1	1														
		2-position, spring return		S3SFN-S1□A(M)	1	—														
				S3SFN-S1□2A(M)	2	—														
				S3SFN-S1□B(M)	—	1														
				S3SFN-S1□2B(M)	—	2														
				S3SFN-S1□AB(M)	1	1														
※□ indicates color : W , R																				
※The M in the model name indicates modular type contact block. Models without M are singular contact block																				
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※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																				
• Dimensions <div style="text-align: right;">(unit: mm)</div> <div><table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>57.7</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>55.7</td><td>25.0</td><td>34.2</td></tr></table></div>										A	B	C	Singular type	57.7	27.0	39.4	Modular type	55.7	25.0	34.2
	A	B	C																	
Singular type	57.7	27.0	39.4																	
Modular type	55.7	25.0	34.2																	
※For panel cut-out dimensions, please refer to page A-105.																				

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Short shark-head lever, flush	 S3SFN-S1AW□ 	3-position, spring return two-way		S3SFN-S5K□2A(M)	2	—	—	—												
			S3SFN-S5K□2B(M)	—	2															
			S3SFN-S5K□AB(M)	1	1															
		3-position, maintained		S3SFN-S7K□2A(M)	2	—														
			S3SFN-S7K□2B(M)	—	2															
			S3SFN-S7K□AB(M)	1	1															
		3-position, spring return from right		S3SFN-SAK□2A(M)	2	—														
			S2SFN-SAK□2B(M)	—	2															
			S2SFN-SAK□AB(M)	1	1															
		3-position, spring return from left		S2SFN-SCK□2A(M)	2	—														
			S2SFN-SCK□2B(M)	—	2															
			S2SFN-SCK□AB(M)	1	1															
		3-position, spring return two-way		S3SFN-S5□2A(M)	2	—														
			S3SFN-S5□2B(M)	—	2															
			S3SFN-S5□AB(M)	1	1															
		3-position, maintained		S3SFN-S7□2A(M)	2	—														
			S3SFN-S7□2B(M)	—	2															
			S3SFN-S7□AB(M)	1	1															
		3-position, spring return from right		S3SFN-SA□2A(M)	2	—														
			S2SFN-SA□2B(M)	—	2															
			S2SFN-SA□AB(M)	1	1															
		3-position, spring return from left		S2SFN-SC□2A(M)	2	—														
			S2SFN-SC□2B(M)	—	2															
			S2SFN-SC□AB(M)	1	1															
※□ indicates color : W , R																				
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• Dimensions																				
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	A	B	C																	
Singular type	57.7	27.0	39.4																	
Modular type	55.7	25.0	34.2																	
※For panel cut-out dimensions, please refer to page A-105.																				

Ø30 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Long shark-head lever, flush	<div> S3SFN-S2AR□</div> <div></div>	2-position, spring return		S3SFN-S2A□A(M)	1	—	—	—												
				S3SFN-S2A□2A(M)	2	—														
				S3SFN-S2A□B(M)	—	1														
				S3SFN-S2A□2B(M)	—	2														
				S3SFN-S2A□AB(M)	1	1														
		2-position, maintained		S3SFN-S4A□A(M)	1	—														
				S3SFN-S4A□2A(M)	2	—														
				S3SFN-S4A□B(M)	—	1														
				S3SFN-S4A□2B(M)	—	2														
				S3SFN-S4A□AB(M)	1	1														
		2-position, spring return		S3SFN-S2B□A(M)	1	—														
				S3SFN-S2B□2A(M)	2	—														
				S3SFN-S2B□B(M)	—	1														
				S3SFN-S2B□2B(M)	—	2														
				S3SFN-S2B□AB(M)	1	1														
		2-position, maintained		S3SFN-S4B□A(M)	1	—														
				S3SFN-S4B□2A(M)	2	—														
				S3SFN-S4B□B(M)	—	1														
				S3SFN-S4B□2B(M)	—	2														
				S3SFN-S4B□AB(M)	1	1														
		2-position, spring return		S3SFN-S2□A(M)	1	—														
				S3SFN-S2□2A(M)	2	—														
				S3SFN-S2□B(M)	—	1														
				S3SFN-S2□2B(M)	—	2														
				S3SFN-S2□AB(M)	1	1														
※□ indicates color : W , R																				
※The M in the model name indicates modular type contact block. Models without M are singular contact block.																				
※The control unit and contact blocks are sold separately. (control unit: bold letters, contact block: regular letters)																				
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• Dimensions <div style="text-align: right;">(unit: mm)</div> <div><table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>Singular type</td><td>57.7</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>55.7</td><td>25.0</td><td>34.2</td></tr></table></div>										A	B	C	Singular type	57.7	27.0	39.4	Modular type	55.7	25.0	34.2
	A	B	C																	
Singular type	57.7	27.0	39.4																	
Modular type	55.7	25.0	34.2																	
※For panel cut-out dimensions, please refer to page A-105.																				

Type	Appearance	Operating position	Model	Contact block		LED block	
				A contact	B contact	AC/DC voltage	AC voltage
Long shark-head lever, flush	 S3SFN-S2AR□ 	3-position, spring return two-way	 S3SFN-S6K□2A(M)	2	—	—	—
			S3SFN-S6K□2B(M)	—	2		
			S3SFN-S6K□AB(M)	1	1		
		3-position, maintained	 S3SFN-S8K□2A(M)	2	—		
			S3SFN-S8K□2B(M)	—	2		
			S3SFN-S8K□AB(M)	1	1		
		3-position, spring return from right	 S3SFN-SBK□2A(M)	2	—		
			S3SFN-SBK□2B(M)	—	2		
			S3SFN-SBK□AB(M)	1	1		
		3-position, spring return from left	 S3SFN-SDK□2A(M)	2	—		
			S3SFN-SDK□2B(M)	—	2		
			S3SFN-SDK□AB(M)	1	1		
		3-position, spring return two-way	 S3SFN-S6□2A(M)	2	—		
			S3SFN-S6□2B(M)	—	2		
			S3SFN-S6□AB(M)	1	1		
		3-position, maintained	 S3SFN-S8□2A(M)	2	—		
			S3SFN-S8□2B(M)	—	2		
			S3SFN-S8□AB(M)	1	1		
		3-position, spring return from right	 S3SFN-SB□2A(M)	2	—		
			S3SFN-SB□2B(M)	—	2		
			S3SFN-SB□AB(M)	1	1		
		3-position, spring return from left	 S3SFN-SD□2A(M)	2	—		
			S3SFN-SD□2B(M)	—	2		
			S3SFN-SD□AB(M)	1	1		

※□ indicates color : **W**, **R**

※The M in the model name indicates modular type contact block. Models without M are singular contact block.

※The control unit and contact blocks are sold separately.

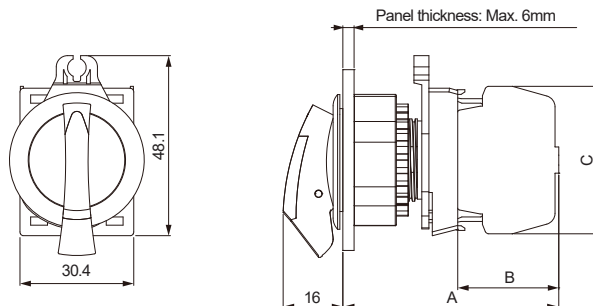
(control unit: bold letters, contact block: regular letters)

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.

It will not operate if connected to the center slot.

• Dimensions



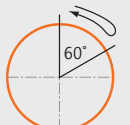
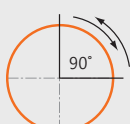

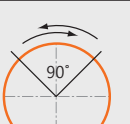
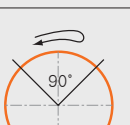
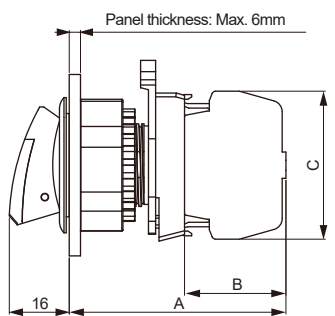
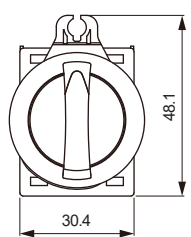
(unit: mm)



	A	B	C
Singular type	57.7	27.0	39.4
Modular type	55.7	25.0	34.2

※For panel cut-out dimensions, please refer to page A-105.

Ø30 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Short shark-head lever, flush (illuminated)	<div> S3SFN-L1AG□</div> <div></div>	2-position, spring return		S3SFN-L1A□AL(M)	1	—	—	1												
				S3SFN-L1A□2AL(M)	2	—														
				S3SFN-L1A□BL(M)	—	1														
				S3SFN-L1A□2BL(M)	—	2														
				S3SFN-L1A□ABL(M)	1	1														
		2-position, maintained		S3SFN-L3A□AL(M)	1	—														
				S3SFN-L3A□2AL(M)	2	—														
				S3SFN-L3A□BL(M)	—	1														
				S3SFN-L3A□2BL(M)	—	2														
				S3SFN-L3A□ABL(M)	1	1														
		2-position, spring return		S3SFN-L1B□AL(M)	1	—														
				S3SFN-L1B□2AL(M)	2	—														
				S3SFN-L1B□BL(M)	—	1														
				S3SFN-L1B□2BL(M)	—	2														
				S3SFN-L1B□ABL(M)	1	1														
		2-position, maintained		S3SFN-L3B□AL(M)	1	—														
				S3SFN-L3B□2AL(M)	2	—														
				S3SFN-L3B□BL(M)	—	1														
				S3SFN-L3B□2BL(M)	—	2														
				S3SFN-L3B□ABL(M)	1	1														
		2-position, spring return		S3SFN-L1□AL(M)	1	—														
				S3SFN-L1□2AL(M)	2	—														
				S3SFN-L1□BL(M)	—	1														
				S3SFN-L1□2BL(M)	—	2														
				S3SFN-L1□ABL(M)	1	1														
※□ indicates color : ■ , ■ , ■ , ■																				
※The M in the model name indicates modular type contact block. Models without M are singular contact block.																				
※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																				
※The LED color is the same as the control unit.																				
• Dimensions																				
<div style="text-align: right;">(unit: mm)</div> <div></div> <table border="1" style="margin-left: auto; margin-right: 0;"><thead><tr><th></th><th>A</th><th>B</th><th>C</th></tr></thead><tbody><tr><td>Singular type</td><td>57.7</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>55.7</td><td>25.0</td><td>34.2</td></tr></tbody></table>										A	B	C	Singular type	57.7	27.0	39.4	Modular type	55.7	25.0	34.2
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Singular type	57.7	27.0	39.4																	
Modular type	55.7	25.0	34.2																	
※For panel cut-out dimensions, please refer to page A-105.																				



Ø30 Selector Switches

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches










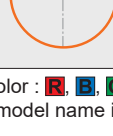
Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

Type	Appearance	Operating position		Model	Contact block		LED block	
					A contact	B contact	AC/DC voltage	AC voltage
Short shark-head lever, flush (illuminated)	 S3SFN-L1AG□ 	3-position, spring return two-way		S3SFN-L5K□2AL(M)	2	—	—	1
				S3SFN-L5K□2BL(M)	—	2		
				S3SFN-L5K□ABL(M)	1	1		
		3-position, maintained		S3SFN-L7K□2AL(M)	2	—		
				S3SFN-L7K□2BL(M)	—	2		
				S3SFN-L7K□ABL(M)	1	1		
		3-position, spring return from right		S3SFN-LAK□2AL(M)	2	—		
				S3SFN-LAK□2BL(M)	—	2		
				S3SFN-LAK□ABL(M)	1	1		
		3-position, spring return from left		S3SFN-LCK□2AL(M)	2	—		
				S3SFN-LCK□2BL(M)	—	2		
				S3SFN-LCK□ABL(M)	1	1		
		3-position, spring return two-way		S3SFN-L5□2AL(M)	2	—		
				S3SFN-L5□2BL(M)	—	2		
				S3SFN-L5□ABL(M)	1	1		
		3-position, maintained		S3SFN-L7□2AL(M)	2	—		
				S3SFN-L7□2BL(M)	—	2		
				S3SFN-L7□ABL(M)	1	1		
		3-position, spring return from right		S3SFN-LA□2AL(M)	2	—		
				S3SFN-LA□2BL(M)	—	2		
				S3SFN-LA□ABL(M)	1	1		
		3-position, spring return from left		S3SFN-LC□2AL(M)	2	—		
				S3SFN-LC□2BL(M)	—	2		
				S3SFN-LC□ABL(M)	1	1		

※□ indicates color : **R**, **B**, **G**, **Y**

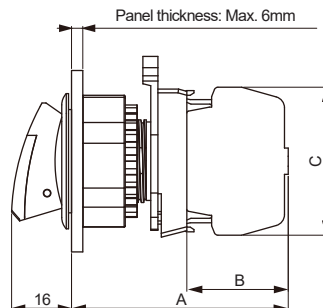
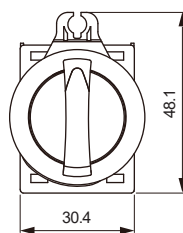
※The M in the model name indicates modular type contact block. Models without M are singular contact block.

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.

※The LED color is the same as the control unit.

• Dimensions

(unit: mm)



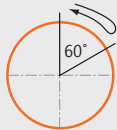
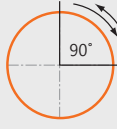



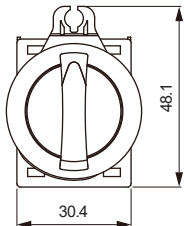
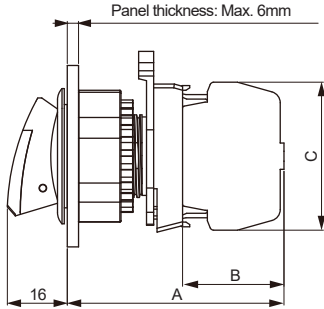


	A	B	C
Singular type	57.7	27.0	39.4
Modular type	55.7	25.0	34.2


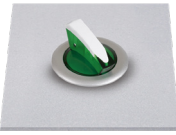





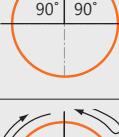


※For panel cut-out dimensions, please refer to page A-105.



Ø30 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Short shark-head lever, flush (illuminated)	<div> S3SFN-L1AG□</div> <div></div>	2-position, spring return		S3SFN-L1A□AD(M)	1	—	1	—												
			S3SFN-L1A□2AD(M)	2	—															
			S3SFN-L1A□BD(M)	—	1															
			S3SFN-L1A□2BD(M)	—	2															
			S3SFN-L1A□ABD(M)	1	1															
		2-position, maintained		S3SFN-L3A□AD(M)	1	—														
			S3SFN-L3A□2AD(M)	2	—															
			S3SFN-L3A□BD(M)	—	1															
			S3SFN-L3A□2BD(M)	—	2															
			S3SFN-L3A□ABD(M)	1	1															
		2-position, spring return		S3SFN-L1B□AD(M)	1	—														
			S3SFN-L1B□2AD(M)	2	—															
			S3SFN-L1B□BD(M)	—	1															
			S3SFN-L1B□2BD(M)	—	2															
			S3SFN-L1B□ABD(M)	1	1															
		2-position, maintained		S3SFN-L3B□AD(M)	1	—														
			S3SFN-L3B□2AD(M)	2	—															
			S3SFN-L3B□BD(M)	—	1															
			S3SFN-L3B□2BD(M)	—	2															
			S3SFN-L3B□ABD(M)	1	1															
		2-position, spring return		S3SFN-L1□AD(M)	1	—														
			S3SFN-L1□2AD(M)	2	—															
			S3SFN-L1□BD(M)	—	1															
			S3SFN-L1□2BD(M)	—	2															
			S3SFN-L1□ABD(M)	1	1															
※□ indicates color : R , B , G , Y																				
※The M in the model name indicates modular type contact block. Models without M are singular contact block.																				
※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																				
※The LED color is the same as the control unit.																				
• Dimensions <div style="text-align: right;">(unit: mm)</div> <div><div></div><div></div><div><table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>57.7</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>55.7</td><td>25.0</td><td>34.2</td></tr></table></div></div>										A	B	C	Singular type	57.7	27.0	39.4	Modular type	55.7	25.0	34.2
	A	B	C																	
Singular type	57.7	27.0	39.4																	
Modular type	55.7	25.0	34.2																	
※For panel cut-out dimensions, please refer to page A-105.																				



Type	Appearance	Operating position		Model	Contact block		LED block	
					A contact	B contact	AC/DC voltage	AC voltage
Short shark-head lever, flush (illuminated)	 S3SFN-L1AG□ 	3-position, spring return two-way		S3SFN-L5K□2AD(M)	2	—	1	—
			S3SFN-L5K□2BD(M)	—	2			
			S3SFN-L5K□ABD(M)	1	1			
		3-position, maintained		S3SFN-L7K□2AD(M)	2	—		
			S3SFN-L7K□2BD(M)	—	2			
			S3SFN-L7K□ABD(M)	1	1			
		3-position, spring return from right		S3SFN-LAK□2AD(M)	2	—		
			S3SFN-LAK□2BD(M)	—	2			
			S3SFN-LAK□ABD(M)	1	1			
		3-position, spring return from left		S3SFN-LCK□2AD(M)	2	—		
			S3SFN-LCK□2BD(M)	—	2			
			S3SFN-LCK□ABD(M)	1	1			
		3-position, spring return two-way		S3SFN-L5□2AD(M)	2	—		
			S3SFN-L5□2BD(M)	—	2			
			S3SFN-L5□ABD(M)	1	1			
		3-position, maintained		S3SFN-L7□2AD(M)	2	—		
			S3SFN-L7□2BD(M)	—	2			
			S3SFN-L7□ABD(M)	1	1			
		3-position, spring return from right		S3SFN-LA□2AD(M)	2	—		
			S3SFN-LA□2BD(M)	—	2			
			S3SFN-LA□ABD(M)	1	1			
		3-position, spring return from left		S3SFN-LC□2AD(M)	2	—		
			S3SFN-LC□2BD(M)	—	2			
			S3SFN-LC□ABD(M)	1	1			

※□ indicates color : R B G Y

※The M in the model name indicates modular type contact block. Models without M are singular contact block.

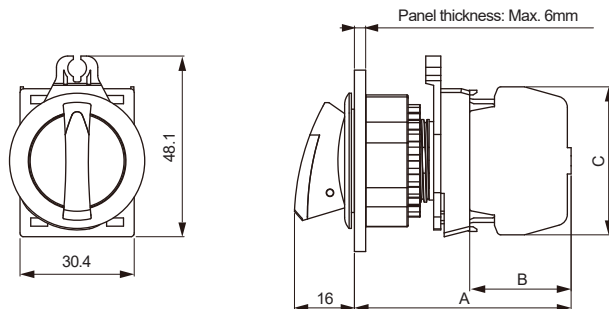
※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.

It will not operate if connected to the center slot.

※The LED color is the same as the control unit.

• Dimensions

(unit: mm)



	A	B	C
Singular type	57.7	27.0	39.4
Modular type	55.7	25.0	34.2

※For panel cut-out dimensions, please refer to page A-105.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches



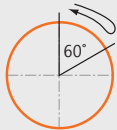
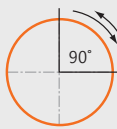



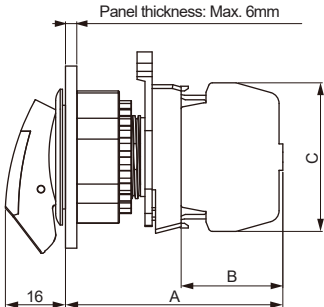
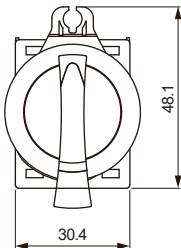
Pilot Lights

Accessories

Buzzers



Ø30 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Long shark-head lever, flush (illuminated)	<div> S3SFN-L2AG□</div> <div></div>	2-position, spring return		S3SFN-L2A□AL(M)	1	—	—	1												
				S3SFN-L2A□2AL(M)	2	—														
				S3SFN-L2A□BL(M)	—	1														
				S3SFN-L2A□2BL(M)	—	2														
				S3SFN-L2A□ABL(M)	1	1														
		2-position, maintained		S3SFN-L4A□AL(M)	1	—														
				S3SFN-L4A□2AL(M)	2	—														
				S3SFN-L4A□BL(M)	—	1														
				S3SFN-L4A□2BL(M)	—	2														
				S3SFN-L4A□ABL(M)	1	1														
		2-position, spring return		S3SFN-L2B□AL(M)	1	—														
				S3SFN-L2B□2AL(M)	2	—														
				S3SFN-L2B□BL(M)	—	1														
				S3SFN-L2B□2BL(M)	—	2														
				S3SFN-L2B□ABL(M)	1	1														
		2-position, maintained		S3SFN-L4B□AL(M)	1	—														
				S3SFN-L4B□2AL(M)	2	—														
				S3SFN-L4B□BL(M)	—	1														
				S3SFN-L4B□2BL(M)	—	2														
				S3SFN-L4B□ABL(M)	1	1														
		2-position, spring return		S3SFN-L2□AL(M)	1	—														
				S3SFN-L2□2AL(M)	2	—														
				S3SFN-L2□BL(M)	—	1														
				S3SFN-L2□2BL(M)	—	2														
				S3SFN-L2□ABL(M)	1	1														
※□ indicates color : R , B , G , Y																				
※The M in the model name indicates modular type contact block. Models without M are singular contact block.																				
※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact and LED block: regular letters)																				
※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																				
※The LED color is the same as the control unit.																				
• Dimensions <div style="text-align: right;">(unit: mm)</div> <div><table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>57.7</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>55.7</td><td>25.0</td><td>34.2</td></tr></table></div>										A	B	C	Singular type	57.7	27.0	39.4	Modular type	55.7	25.0	34.2
	A	B	C																	
Singular type	57.7	27.0	39.4																	
Modular type	55.7	25.0	34.2																	
※For panel cut-out dimensions, please refer to page A-105.																				



Ø30 Selector Switches

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches



Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

Type	Appearance	Operating position	Model	Contact block		LED block	
				A contact	B contact	AC/DC voltage	AC voltage
Long shark-head lever, flush (illuminated)	 S3SFN-L2AG□ 	3-position, spring return two-way	S3SFN-L6K□2AL(M)	2	—	—	1
			S3SFN-L6K□2BL(M)	—	2		
			S3SFN-L6K□ABL(M)	1	1		
		3-position, maintained	S3SFN-L8K□2AL(M)	2	—		
			S3SFN-L8K□2BL(M)	—	2		
			S3SFN-L8K□ABL(M)	1	1		
		3-position, spring return from right	S3SFN-LBK□2AL(M)	2	—		
			S3SFN-LBK□2BL(M)	—	2		
			S3SFN-LBK□ABL(M)	1	1		
		3-position, spring return from left	S3SFN-LDK□2AL(M)	2	—		
			S3SFN-LDK□2BL(M)	—	2		
			S3SFN-LDK□ABL(M)	1	1		
		3-position, spring return two-way	S3SFN-L6□2AL(M)	2	—		
			S3SFN-L6□2BL(M)	—	2		
			S3SFN-L6□ABL(M)	1	1		
		3-position, maintained	S3SFN-L8□2AL(M)	2	—		
			S3SFN-L8□2BL(M)	—	2		
			S3SFN-L8□ABL(M)	1	1		
		3-position, spring return from right	S3SFN-LB□2AL(M)	2	—		
			S3SFN-LB□2BL(M)	—	2		
			S3SFN-LB□ABL(M)	1	1		
		3-position, spring return from left	S3SFN-LD□2AL(M)	2	—		
			S3SFN-LD□2BL(M)	—	2		
			S3SFN-LD□ABL(M)	1	1		

※□ indicates color : R, B, G, Y

※The M in the model name indicates modular type contact block. Models without M are singular contact block.

※The control unit, contact blocks, LED blocks are sold separately.

(control unit: bold letters, contact and LED block: regular letters)

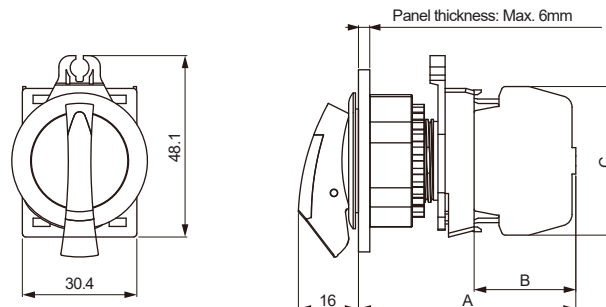
※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.

It will not operate if connected to the center slot.

※The LED color is the same as the control unit.

• Dimensions



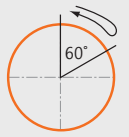
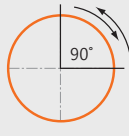
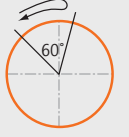


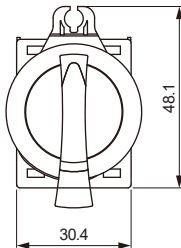
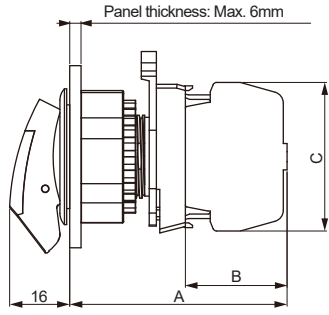
(unit: mm)



	A	B	C
Singular type	57.7	27.0	39.4
Modular type	55.7	25.0	34.2

※For panel cut-out dimensions, please refer to page A-105.

Ø30 Selector Switches

Type	Appearance	Operating position		Model	Contact block		LED block													
					A contact	B contact	AC/DC voltage	AC voltage												
Long shark-head lever, flush (illuminated)	<div></div> <div>S3SFN-L2AG□</div> <div></div>	2-position, spring return		S3SFN-L2A□AD(M)	1	—	1	—												
				S3SFN-L2A□2AD(M)	2	—														
				S3SFN-L2A□BD(M)	—	1														
				S3SFN-L2A□2BD(M)	—	2														
				S3SFN-L2A□ABD(M)	1	1														
		2-position, maintained		S3SFN-L4A□AD(M)	1	—														
				S3SFN-L4A□2AD(M)	2	—														
				S3SFN-L4A□BD(M)	—	1														
				S3SFN-L4A□2BD(M)	—	2														
				S3SFN-L4A□ABD(M)	1	1														
		2-position, spring return		S3SFN-L2B□AD(M)	1	—														
				S3SFN-L2B□2AD(M)	2	—														
				S3SFN-L2B□BD(M)	—	1														
				S3SFN-L2B□2BD(M)	—	2														
				S3SFN-L2B□ABD(M)	1	1														
		2-position, maintained		S3SFN-L4B□AD(M)	1	—														
				S3SFN-L4B□2AD(M)	2	—														
				S3SFN-L4B□BD(M)	—	1														
				S3SFN-L4B□2BD(M)	—	2														
				S3SFN-L4B□ABD(M)	1	1														
		2-position, spring return		S3SFN-L2□AD(M)	1	—														
				S3SFN-L2□2AD(M)	2	—														
				S3SFN-L2□BD(M)	—	1														
				S3SFN-L2□2BD(M)	—	2														
				S3SFN-L2□ABD(M)	1	1														
※□ indicates color : ■ , ■ , ■ , ■																				
※The M in the model name indicates modular type contact block. Models without M are singular contact block.																				
※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact and LED block: regular letters)																				
※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																				
※The LED color is the same as the control unit.																				
• Dimensions																				
(unit: mm)																				
<div></div> <div></div> <div><table><tr><th></th><th>A</th><th>B</th><th>C</th></tr><tr><td>Singular type</td><td>57.7</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>55.7</td><td>25.0</td><td>34.2</td></tr></table></div>										A	B	C	Singular type	57.7	27.0	39.4	Modular type	55.7	25.0	34.2
	A	B	C																	
Singular type	57.7	27.0	39.4																	
Modular type	55.7	25.0	34.2																	
※For panel cut-out dimensions, please refer to page A-105.																				



Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches



Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

Type	Appearance	Operating position	Model	Contact block		LED block	
				A contact	B contact	AC/DC voltage	AC voltage
Long shark-head lever, flush (illuminated)	 S3SFN-L2AG□ 	3-position, spring return two-way	S3SFN-L6K□2AD(M)	2	—	1	—
			S3SFN-L6K□2BD(M)	—	2		
			S3SFN-L6K□ABD(M)	1	1		
		3-position, maintained	S3SFN-L8K□2AD(M)	2	—		
			S3SFN-L8K□2BD(M)	—	2		
			S3SFN-L8K□ABD(M)	1	1		
		3-position, spring return from right	S3SFN-LBK□2AD(M)	2	—		
			S3SFN-LBK□2BD(M)	—	2		
			S3SFN-LBK□ABD(M)	1	1		
		3-position, spring return from left	S3SFN-LDK□2AD(M)	2	—		
			S3SFN-LDK□2BD(M)	—	2		
			S3SFN-LDK□ABD(M)	1	1		
		3-position, spring return two-way	S3SFN-L6□2AD(M)	2	—		
			S3SFN-L6□2BD(M)	—	2		
			S3SFN-L6□ABD(M)	1	1		
		3-position, maintained	S3SFN-L8□2AD(M)	2	—		
			S3SFN-L8□2BD(M)	—	2		
			S3SFN-L8□ABD(M)	1	1		
		3-position, spring return from right	S3SFN-LB□2AD(M)	2	—		
			S3SFN-LB□2BD(M)	—	2		
			S3SFN-LB□ABD(M)	1	1		
		3-position, spring return from left	S3SFN-LD□2AD(M)	2	—		
			S3SFN-LD□2BD(M)	—	2		
			S3SFN-LD□ABD(M)	1	1		

※□ indicates color : **R** **B** **G** **Y**

※The M in the model name indicates modular type contact block. Models without M are singular contact block.

※The control unit, contact blocks, LED blocks are sold separately.

(control unit: bold letters, contact and LED block: regular letters)

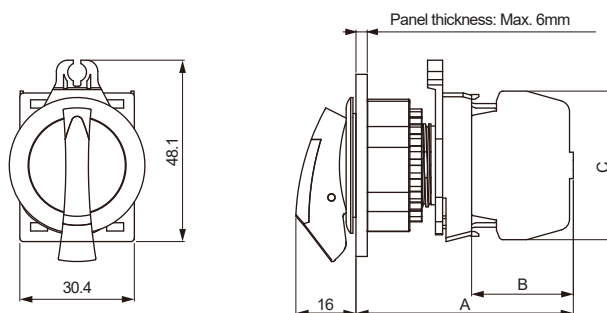
※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.

It will not operate if connected to the center slot.

※The LED color is the same as the control unit.

• Dimensions

(unit: mm)





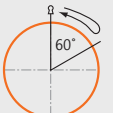

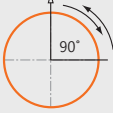
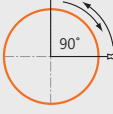
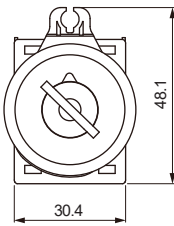
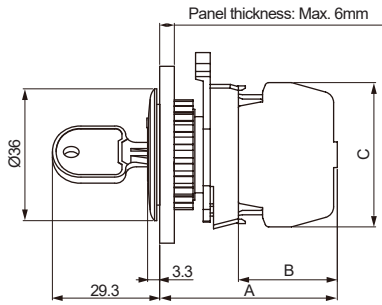
	A	B	C
Singular type	57.7	27.0	39.4
Modular type	55.7	25.0	34.2

※For panel cut-out dimensions, please refer to page A-105.







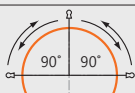
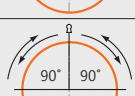
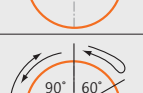



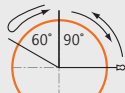
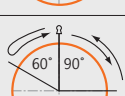
Ø30 Key Selector Switches

Ø30 Round Key Selector Switches (S3KF Series)

Type	Appearance	Model		Contact block		LED block													
				A contact	B contact	AC/DC voltage	AC voltage												
Flush	<div></div> <div>S3KF-1ES□</div> <div></div>	2-position, spring return key removal: center		S3KF-1ESA(M)	1	—	—	—											
				S3KF-1ES2A(M)	2	—													
				S3KF-1ESB(M)	—	1													
				S3KF-1ES2B(M)	—	2													
		2-position, maintained key removal: right		S3KF-1ESAB(M)	1	1													
				S3KF-2DSA(M)	1	—													
				S3KF-2DS2A(M)	2	—													
				S3KF-2DSB(M)	—	1													
				S3KF-2DS2B(M)	—	2													
		2-position, maintained key removal: center		S3KF-2ESAB(M)	1	1													
				S3KF-2ESA(M)	1	—													
				S3KF-2ES2A(M)	2	—													
				S3KF-2ESB(M)	—	1													
				S3KF-2ES2B(M)	—	2													
		2-position, maintained key removal: center + right		S3KF-2FSAB(M)	1	1													
				S3KF-2FSA(M)	1	—													
				S3KF-2FS2A(M)	2	—													
				S3KF-2FSB(M)	—	1													
				S3KF-2FS2B(M)	—	2													
				S3KF-2FSAB(M)	1	1													
		※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters) ※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots. It will not operate if connected to the center slot.																	
		• Dimensions																	
		(unit: mm)																	
																			
				<table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>Singular type</td><td>48.5</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>46.5</td><td>25.0</td><td>34.2</td></tr></table>							A	B	C	Singular type	48.5	27.0	39.4	Modular type	46.5
	A	B	C																
Singular type	48.5	27.0	39.4																
Modular type	46.5	25.0	34.2																
※For panel cut-out dimensions, please refer to page A-105																			



Ø30 Key Selector Switches

Type	Appearance	Model		Contact block		LED block		
				A contact	B contact	AC/DC voltage	AC voltage	
Flush	 	3-position, spring return two-way key removal: center		S3KF-3ES2A(M)	2	—	—	—
				S3KF-3ES2B(M)	—	2		
				S3KF-3ESAB(M)	1	1		
		3-position, maintained key removal: left + right		S3KF-4BS2A(M)	2	—		
				S3KF-4BS2B(M)	—	2		
				S3KF-4BSAB(M)	1	1		
		3-position, maintained key removal: left+center + right		S3KF-4CS2A(M)	2	—		
				S3KF-4CS2B(M)	—	2		
				S3KF-4CSAB(M)	1	1		
		3-position, maintained key removal: center		S3KF-4ES2A(M)	2	—		
				S3KF-4ES2B(M)	—	2		
				S3KF-4ESAB(M)	1	1		
		3-position, spring return from right key removal: left		S3KF-5AS2A(M)	2	—		
				S3KF-5AS2B(M)	—	2		
				S3KF-5ASAB(M)	1	1		
		3-position, spring return from right key removal: center		S3KF-5ES2A(M)	2	—		
				S3KF-5ES2B(M)	—	2		
				S3KF-5ESAB(M)	1	1		
		3-position, spring return from right key removal: left+center		S3KF-5GS2A(M)	2	—		
				S3KF-5GS2B(M)	—	2		
				S3KF-5GSAB(M)	1	1		
		3-position, spring return from left key removal: right		S3KF-6DS2A(M)	2	—		
				S3KF-6DS2B(M)	—	2		
				S3KF-6DSAB(M)	1	1		
		3-position, spring return from left key removal: center		S3KF-6ES2A(M)	2	—		
				S3KF-6ES2B(M)	—	2		
				S3KF-6ESAB(M)	1	1		
		3-position, spring return from left key removal: center + right		S3KF-6FS2A(M)	2	—		
				S3KF-6FS2B(M)	—	2		
				S3KF-6FSAB(M)	1	1		

※The M in the model name indicates modular type contact block. Models without M are singular contact block.

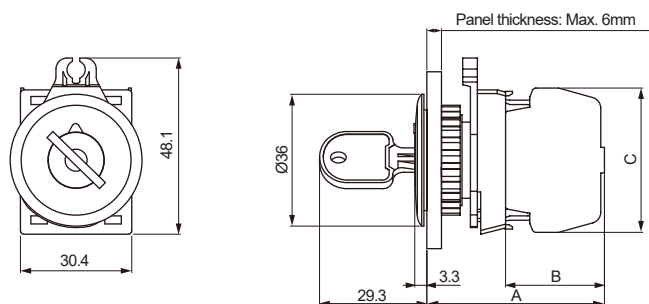
※The control unit, contact blocks, LED blocks are sold separately.

(control unit: bold letters, contact block: regular letters)

※Connect up to 2 contact blocks. Connect the contact blocks only on the right and left side slots.
It will not operate if connected to the center slot.

• Dimensions

(unit: mm)



	A	B	C
Singular type	48.5	27.0	39.4
Modular type	46.5	25.0	34.2

※For panel cut-out dimensions, please refer to page A-105.

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights



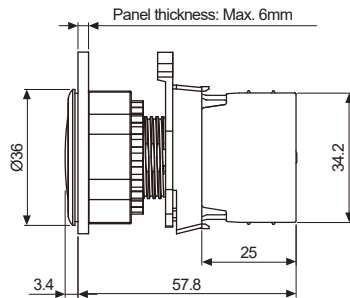
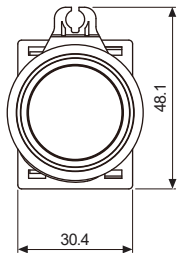


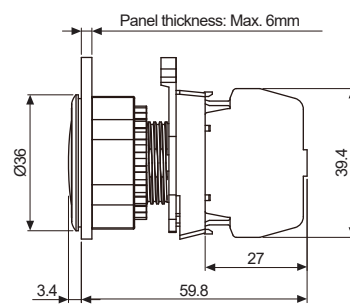
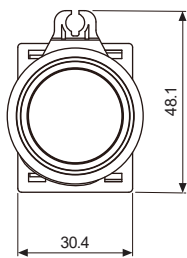
Accessories

Buzzers





Ø30 Pilot Lights

Ø30 Pilot Lights (L3RF Series)

Type	Appearance	Model	Contact block		LED block	
			A contact	B contact	AC/DC voltage	AC voltage
Flat round (flush)	 L3RFU-L3G□ 	Modular contact L3RF(U)-L3□DM	—	—	1	—
		L3RF(U)-L3□LM			—	1
<p>※□ indicates color: R, B, G, Y, W</p> <p>※The control unit, LED blocks are sold separately. (control unit: bold letters, LED block: regular letters)</p> <p>※Control unit+contact block (modular type) models do not contain "Lamp" markings on the button cap.</p> <p>※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Lamp" markings on the button cap.</p> <p>※The LED color is the same as the control unit.</p>						
<p>• Dimensions</p> <div></div> <p style="text-align: right;">(unit: mm)</p>						
※For panel cut-out dimensions, please refer to page A-105.						
	Appearance	Model	Contact block		LED block	
			A contact	B contact	AC/DC voltage	AC voltage
	 L3RF-L3G□ 	Singular contact L3RF(U)-L3□D	—	—	1	—
		L3RF(U)-L3□L			—	1
<p>※□ indicates color: R, B, G, Y, W</p> <p>※The control unit, LED blocks are sold separately. (control unit: bold letters, LED block: regular letters)</p> <p>※Control unit+contact block (singular type) models contain "Lamp" markings on the button cap.</p> <p>※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Lamp" markings on the button cap.</p> <p>※The LED color is the same as the control unit.</p>						
<p>• Dimensions</p> <div></div> <p style="text-align: right;">(unit: mm)</p>						
※For panel cut-out dimensions, please refer to page A-105.						

Ø30 Panel Cut-out Dimensions

(unit: mm)

Type		A	B	Panel Cut-out Dimensions
Round Push Button Switches (S3PR/S3PF Series)		 45	55	
Round Selector Switches (S3SF/S3SFN Series)	Short lever	 37	55	
	Long lever	 55	55	
Round Key Selector Switches (S3KF Series)		 37	55	
Pilot Lights (L3RF Series)		 37	55	

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

Autonics
www.autonics.com

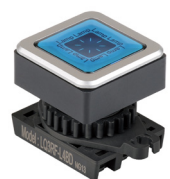
□30 Control Switches

Push Button Switches (SQ3PFS Series).....	A-108
Pilot Lights (LQ3RF Series).....	A-111
Panel Cut-out Dimensions.....	A-112


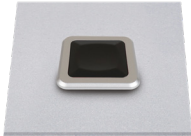
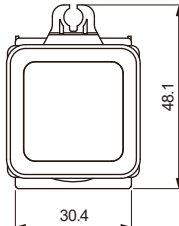
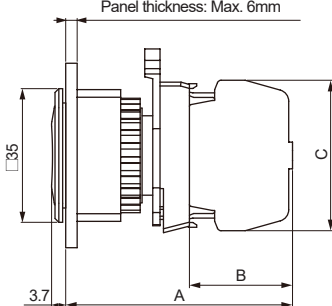
Push Button Switches



Pilot Lights



□30 Square Push Button Switches (SQ3PFS Series)

Type	Appearance	Model	Contact block		LED block												
			A contact	B contact	AC/DC voltage	AC voltage											
Flush	 SQ3PFS-P1K□ 	SQ3PFS-P1□A(M)	1	—	—	—											
		SQ3PFS-P1□2A(M)	2	—													
		SQ3PFS-P1□3A(M)	3	—													
		SQ3PFS-P1□B(M)	—	1													
		SQ3PFS-P1□2B(M)	—	2													
		SQ3PFS-P1□3B(M)	—	3													
		SQ3PFS-P1□AB(M)	1	1													
		SQ3PFS-P1□2AB(M)	2	1													
		SQ3PFS-P1□A2B(M)	1	2													
		※□ indicates color: ■ , ■ , ■ , ■ , ■ ※The M in the model name indicates modular type contact block. Models without M are singular contact block. ※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)															
• Dimensions		(unit: mm)															
		 <table border="1" data-bbox="1147 1048 1436 1122"><thead><tr><th></th><th>A</th><th>B</th><th>C</th></tr></thead><tbody><tr><td>Singular type</td><td>59.4</td><td>27.0</td><td>39.4</td></tr><tr><td>Modular type</td><td>57.4</td><td>25.0</td><td>34.2</td></tr></tbody></table>					A	B	C	Singular type	59.4	27.0	39.4	Modular type	57.4	25.0	34.2
	A	B	C														
Singular type	59.4	27.0	39.4														
Modular type	57.4	25.0	34.2														
※For panel cut-out dimensions, please refer to page A-112.																	



□30 Push Button Switches

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches



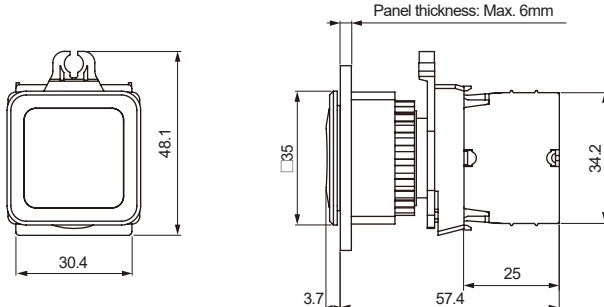


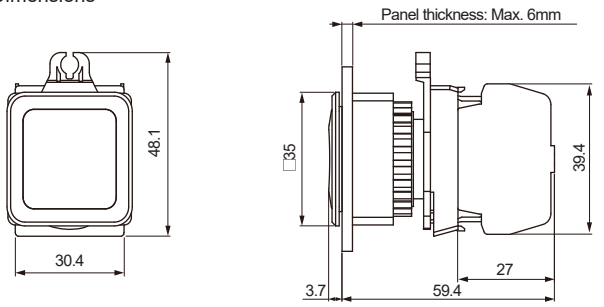
Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights



Accessories

Buzzers

Type	Appearance	Model	Contact block		LED block		
			A contact	B contact	AC/DC voltage	AC voltage	
Flush (illuminated)	 SQ3PFSU-P3Y□ 	Standard/ Modular contact	SQ3PFS(U)-P3□ADM	1	—	1	—
			SQ3PFS(U)-P3□2ADM	2	—		
			SQ3PFS(U)-P3□BDM	—	1		
			SQ3PFS(U)-P3□2BDM	—	2		
			SQ3PFS(U)-P3□ABDM	1	1	—	1
			SQ3PFS(U)-P3□ALM	1	—		
			SQ3PFS(U)-P3□2ALM	2	—		
			SQ3PFS(U)-P3□BLM	—	1		
			SQ3PFS(U)-P3□2BLM	—	2		
			SQ3PFS(U)-P3□ABLM	1	1		
		※□ indicates color: R , B , G , Y , W					
		※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)					
		※Control unit+contact block (modular type) models do not contain "Push" markings on the button cap.					
		※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Push" markings on the button cap.					
		※The LED color is the same as the control unit.					
		• Dimensions					
							
(unit: mm)							
※For panel cut-out dimensions, please refer to page A-112 page.							
Appearance	Model	Contact block		LED block			
		A contact	B contact	AC/DC voltage	AC voltage		
 SQ3PFS-P3Y□ 	Standard/ Singular contact	SQ3PFS(U)-P3□AD	1	—	1	—	
		SQ3PFS(U)-P3□2AD	2	—			
		SQ3PFS(U)-P3□BD	—	1			
		SQ3PFS(U)-P3□2BD	—	2			
		SQ3PFS(U)-P3□ABD	1	1	—	1	
		SQ3PFS(U)-P3□AL	1	—			
		SQ3PFS(U)-P3□2AL	2	—			
		SQ3PFS(U)-P3□BL	—	1			
		SQ3PFS(U)-P3□2BL	—	2			
		SQ3PFS(U)-P3□ABL	1	1			
	※□ indicates color: R , B , G , Y , W						
	※The control unit, contact blocks, LED blocks are sold separately. (control unit: bold letters, contact block: regular letters)						
	※Control unit+contact block (singular type) models contain "Push" markings on the button cap.						
	※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Push" markings on the button cap.						
	※The LED color is the same as the control unit.						
	• Dimensions						
							
(unit: mm)							
※For panel cut-out dimensions, please refer to page A-112 page.							



□30 Push Button Switches

Type	Appearance	Model	Contact block		LED block		
			A contact	B contact	AC/DC voltage	AC voltage	
Flush (illuminated)	<div></div> <div>SQ3PFS-P3YU□</div> <div></div>	Arrow (Left/Right)	SQ3PFS-P3□LAD(M)	1	—	1	—
			SQ3PFS-P3□L2AD(M)	2	—		
			SQ3PFS-P3□LBD(M)	—	1		
			SQ3PFS-P3□L2BD(M)	—	2		
			SQ3PFS-P3□LABD(M)	1	1		
			SQ3PFS-P3□LAL(M)	1	—	—	1
			SQ3PFS-P3□L2AL(M)	2	—		
			SQ3PFS-P3□LBL(M)	—	1		
			SQ3PFS-P3□L2BL(M)	—	2		
			SQ3PFS-P3□LABL(M)	1	1		
		Arrow (Up/Down)	SQ3PFS-P3□UAD(M)	1	—	1	—
			SQ3PFS-P3□U2AD(M)	2	—		
			SQ3PFS-P3□UBD(M)	—	1		
			SQ3PFS-P3□U2BD(M)	—	2		
			SQ3PFS-P3□UABD(M)	1	1		
			SQ3PFS-P3□UAL(M)	1	—	—	1
			SQ3PFS-P3□U2AL(M)	2	—		
			SQ3PFS-P3□UBL(M)	—	1		
			SQ3PFS-P3□U2BL(M)	—	2		
			SQ3PFS-P3□UABL(M)	1	1		

※□ indicates color: R, B, G, Y, W

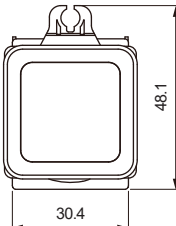
※The M in the model name indicates modular type contact block. Models without M are singular contact block.

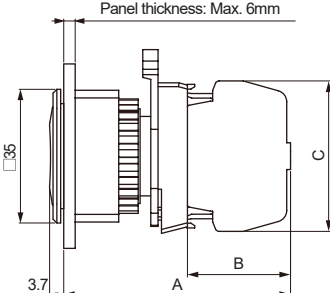
※The control unit, contact blocks, LED blocks are sold separately.
(control unit: bold letters, contact block: regular letters)

※The LED color is the same as the control unit.

• Dimensions

(unit: mm)



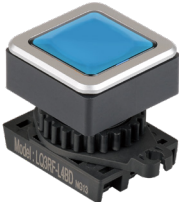

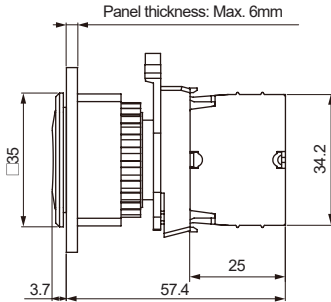
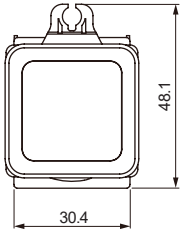
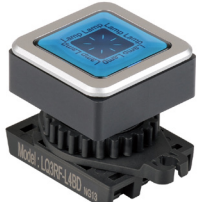

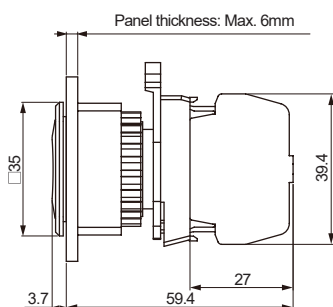
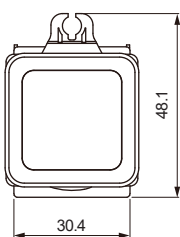


	A	B	C
Singular type	59.4	27.0	39.4
Modular type	57.4	25.0	34.2

※For panel cut-out dimensions, please refer to page A-112 page.



□30 Pilot Lights (LQ3RF Series)

Type	Appearance	Model	Contact block		LED block	
			A contact	B contact	AC/DC voltage	AC voltage
Flat square (Flush)	 LQ3RFU-L4B□ 	Modular contact LQ3RF(U)-L4□DM	—	—	1	—
		LQ3RF(U)-L4□LM			—	1
<p>※□ indicates color: R, B, G, Y, W</p> <p>※The control unit, LED blocks are sold separately. (control unit: bold letters, LED block: regular letters)</p> <p>※Control unit+contact block (modular type) models do not contain "Lamp" markings on the button cap.</p> <p>※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Lamp" markings on the button cap.</p> <p>※The LED color is the same as the control unit.</p> <p>• Dimensions</p> <div></div> <p>(unit: mm)</p> <p>※For panel cut-out dimensions, please refer to page A-112 page.</p>						
Appearance	Model	Contact block		LED block		
		A contact	B contact	AC/DC voltage	AC voltage	
 LQ3RF-L4B□ 	Singular contact LQ3RF(U)-L4□D	—	—	1	—	
	LQ3RF(U)-L4□L			—	1	
<p>※□ indicates color: R, B, G, Y, W</p> <p>※The control unit, LED blocks are sold separately. (control unit: bold letters, LED block: regular letters)</p> <p>※Control unit+contact block (singular type) models contain "Lamp" markings on the button cap.</p> <p>※Models with 'U' in the model name is available only for control unit. 'U' models do not contain "Lamp" markings on the button cap.</p> <p>※The LED color is the same as the control unit.</p> <p>• Dimensions</p> <div></div> <p>(unit: mm)</p> <p>※For panel cut-out dimensions, please refer to page A-112 page.</p>						

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights


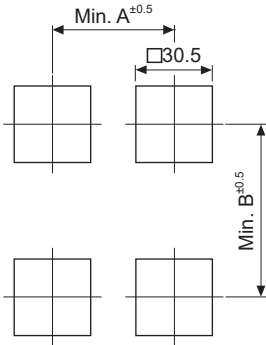

Accessories

Buzzers

□30 Panel Cut-out Dimensions

□30 Panel Cut-out Dimensions

(unit: mm)

Type		A	B	Panel Cut-out Dimensions
Square Push Button Switches (SQ3PFS Series)		45	55	
Pilot Lights (LQ3RF Series)		37	55	

Accessories

Common Accessories.....	A-114
Accessories by Item.....	A-117

Common Accessories



Accessories by Item



Common Accessories

■ Contact Blocks and LED Blocks for Ø16 Control Switches

⦿ Ordering Information

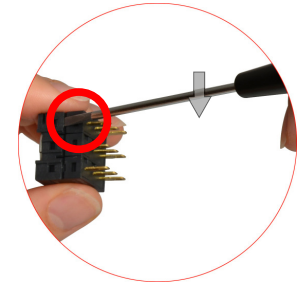
SA	16	—	CB	W
				LED color ^{※1}
				Type
				Applied switches
				Item
		LED block	R	Red
			B	Blue
			G	Green
			Y	Yellow
			W	White
		CB ^{※2}	Contact block	B contact (normally closed)
		CC		C contact (normally open, normally closed)
		L5	LED block	5VDC
		L12		12VDC
		L24		24VDC
		16		For Ø16 control switches
		SA		Switch Accessories




※1. Only for LED blocks.

※2. Only be used with Ø16 emergency switches.

• Contact block and LED block removal

Separate the unit using a flat-head (-) screwdriver.



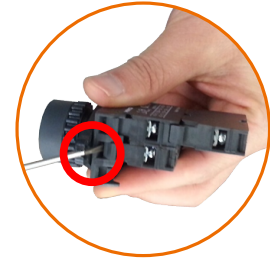
Item	Appearance	Model	Type	Features
Contact block		SA16-CB	B contact (normally closed)	Only be used with Ø16 emergency switches. (not be used with the other Ø16 control switches)
		SA16-CC	C contact (normally open, normally closed)	Be used with Ø16 control switches (except emergency switches).
LED block		SA16-L5□ (5VDC) SA16-L12□ (12VDC) SA16-L24□ (24VDC)	DC voltage type	Diverse, vibrant, high luminance LEDs (red, blue, green, yellow, white)

■ Contact Blocks and LED Blocks for Ø22/25, Ø30, □30 Control Switches

● Ordering Information

SA	—	CA	M	Contact block type	No-mark	Singular type
					M	Modular type
				LED color ^{※1}	No-mark	White
					R	Red
					B	Blue
					G	Green
					Y	Yellow
				Type	CA	Contact A contact (normally open)
					CB	B contact (normally closed)
					LD	LED AC/DC voltage: 12-24VAC 50/60Hz 12-24VDC
					LA	AC voltage: 110-240VAC 50/60Hz
				Applied switches	No-mark	For Ø22/25, Ø30, □30 control switches
				Item	SA	Switch Accessories

- **Contact block and LED block removal**
Separate the unit using a flat-head (-) screwdriver.



※1. Only for LED blocks.

※Multi-unit connection is only available for modular type (SA-□M).

Item	Appearance	Model	Type	Features
Modular type contact block		SA-CAM	A contact (normally open)	Ring or spade terminals / Multi-connection (up to 3 units)
		SA-CBM	B contact (normally closed)	
Singular type contact block		SA-CA	A contact (normally open)	Spade terminals only / Loose screw prevention
		SA-CB	B contact (normally closed)	
Modular type LED block		SA-LDM	AC/DC voltage type 12-24VAC 50/60Hz 12-24VDC	Diverse, vibrant, high luminance LEDs (Red, Blue, Green, Yellow, White)
		SA-LAM	AC voltage type 110-220VAC 50/60Hz	
Singular type LED block		SA-LD	AC/DC voltage type 12-24VAC 50/60Hz 12-24VDC	
		SA-LA	AC voltage type 110-220VAC 50/60Hz	

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

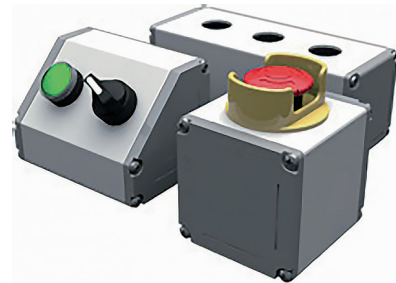
Buzzers

A Accessories

Switch Enclosures for Ø22/25 Control Switches

Ordering Information

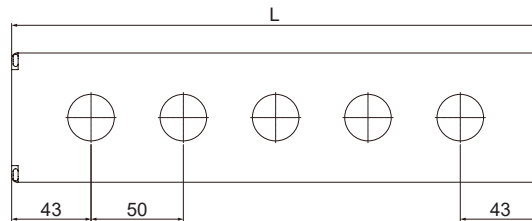
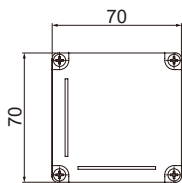
SA		SB	3
			Holes
			Appearance
			Applied switches
			Item
1	1 hole		
2	2 holes		
3	3 holes		
4	4 holes		
5	5 holes		
SB	Square type		
TB	Triangle type		
No-mark	For Ø22/25 control switches		
SA	Switch accessories		



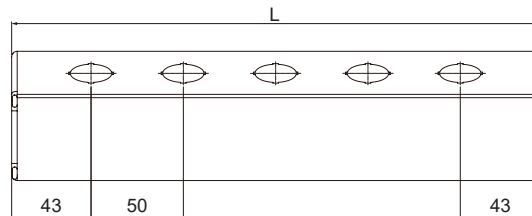
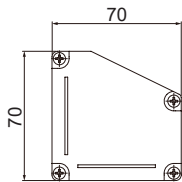
※You can order the other size and the number of holes.

• Square type

(unit: mm)



• Triangle type



Holes	L
1	86mm
2	136mm
3	186mm
4	236mm
5	286mm

Locking Handle for Switches

Applied switches	Appearance	Model	Note
Ø16		SA16-LH	For locking switch nuts behind the panels
Ø22/25, Ø30 ^{※1} , □30		SA-LH	

※1. Except Ø30 round pressure switches (extended).

Accessories by Item

(unit: mm)

Item	Appearance	Model	Dimensions	Note						
Emergency switch nameplates		SA-NS	Size : D60×d25	Standard and illuminated nameplates are available for emergency switches. ※Illuminated nameplates are optional. ※D60 emergency switches (S2ER-E5R□) are not compatible with SA-NS nameplates						
		SA-NL	Size : D80×d25							
Protective shrouds for emergency switches		SA-EG1		Protective shrouds to prevent accidental/incorrect operation <table border="1"><thead><tr><th colspan="2">D</th></tr></thead><tbody><tr><td>SA-EG2</td><td>Ø22.5</td></tr><tr><td>SA-EG3</td><td>Ø25.5</td></tr></tbody></table> ※Not available for D60 emergency switches (S2ER-E5R□).	D		SA-EG2	Ø22.5	SA-EG3	Ø25.5
	D									
SA-EG2	Ø22.5									
SA-EG3	Ø25.5									
		SA-EG2/ SA-EG3								
Waterproof cap for Ø22/25 round push button switches		SA-WP (non-illuminated/ extended)		IP65 protection structure with waterproof cap						
		SA-WL (illuminated/ extended)								
Ø20/25 Switch washer		SA-SW2		The washer helps to improve switch tightening force.						
Ø30 Switch washer		SA-SW3								
Lens remover for Ø16 push button control switches or pilot lights		SA16-RM		Lens remover for push button control switches or pilot lights						

Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

B buzzers

(B) Buzzers

Piezo Buzzer	(B2NB Series).....	B-2
Magnetic Buzzer	(B2PB-B1D).....	B-2
Melody Buzzer	(B6MA Series).....	B-2

Piezo Buzzer



Magnetic Buzzer



Melody Buzzer



Features

Piezo buzzer

- Selectable continuous/intermittent sound, sound pressure: approx. 98±8dB (0.1m)
- Flashes green or red LED during operating buzzer
- Mounting hole: Ø22/25mm, max. panel thickness: 6mm
- IP65 protection structure (front panel)



Piezo buzzer



Magnetic buzzer

Magnetic buzzer

- Strong bass sound, selectable continuous/intermittent sound, sound pressure: approx. 87±10dB (0.1m)
- Flashes green or red LED during operating buzzer
- Mounting hole: Ø22/25mm, max. panel thickness: 6mm
- IP30 protection structure (front panel)

Melody buzzer

- Selectable melody among 4 types and adjustable sound pressure, sound pressure: approx. 105dB (0.1m)
- Flashes red LED during operating buzzer
- Mounting hole: Ø66mm
- IP65 protection structure (front panel)
- One-touch screwless connection with end sleeve (ferrule) crimp terminal



Melody buzzer

⚠ Please read "Safety Considerations" in the instruction manual before using.



Specifications

Items	Piezo buzzer		Magnetic buzzer		Melody buzzer	
Model	B2PB-B1D	B2PB-B1D-R	B2NB-B1D	B2NB-B1D-R	B6MA-4GD ^{※1}	B6MA-4GL ^{※1}
Power supply	12-24VDC≡				12-24VDC≡	110-220VAC～ 50/60Hz
Power consumption	Max. 0.6W		Max. 1.5W		Max. 3W	Max. 5VA
Sound pressure	Approx. 98±8dB (0.1m) ^{※2}		Approx. 87±10dB (0.1m) ^{※2}		Max. 105±10%dB (0.1m), max. 95±10%dB (1m)	
Sound type	Continuous sound, intermittent sound				4 types (ambulance, police, ringtone, for elise) ^{※3}	
Mounting hole	Ø22/25mm compatible				Ø66mm	
Operation indicator	Green LED	Red LED	Green LED	Red LED	Red LED	
Insulation resistance	Over 1,000MΩ (at 500VDC megger)		Over 50MΩ (at 500VDC megger)		Over 1,000MΩ (between all terminals and case at 500VDC megger)	
Dielectric strength	500VAC 50/60Hz for 1 min (between all terminals and case)		1,000VAC 50/60Hz for 1 min (between all terminals and case)		500VAC 50/60Hz for 1 min (between all terminals and case)	2,000VAC 50/60Hz for 1 min (between all terminals and case)
Vibration	0.75mm amplitude at frequency of 10 to 55Hz (for 1 min) in each X, Y, Z direction for 1 hour				0.75mm amplitude at frequency of 10 to 55Hz (for 1 min) in each X, Y, Z direction for 2 hours	
Shock	500m/s ² (approx. 50G) in each X, Y, Z direction for 3 times					
Environ- ment	Ambient temperature	-15 to 55℃, storage: -25 to 65℃			-10 to 55℃, storage: -20 to 65℃	
	Ambient humidity	35 to 85%RH, storage: 35 to 85%RH				
Protection structure	IP65 (front panel)		IP30 (front panel)		IP65 (front panel)	
Material	Body	Polyamide 6			Polycarbonate	
	Cap	Polycarbonate			Polycarbonate	
Tightening torque	4.08 to 6.12kgf·cm (0.4 to 0.6N·m)					
Approval	CE					
Weight	Approx. 305g (approx. 18g) ^{※4}		Approx. 214g (approx. 14g) ^{※4}		Approx. 170g (approx. 130g) ^{※5}	

※1. □ indicates input type: N (NPN open collector input), P (PNP open collector input)

※2. It is rated at power supply 24VDC. (Sound pressure may be decreased when using 12VDC.)

※3. You may sample the melodies at www.autonics.com.

※4. The weight is for 10 units including packaging. The weight in parenthesis is for a single unit.

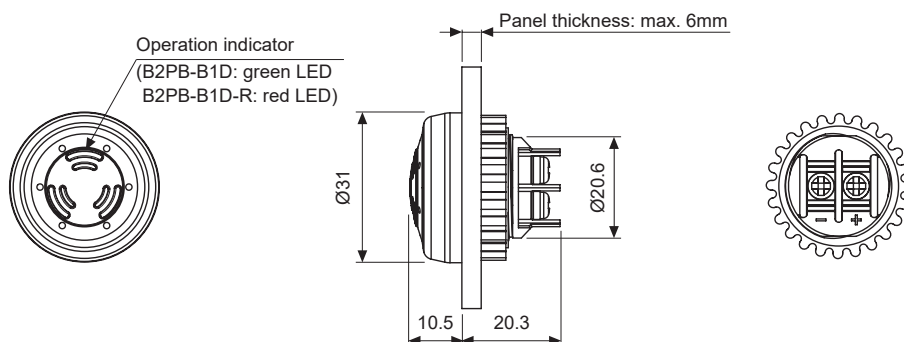
※5. The weight includes packaging. The weight in parenthesis is for unit only.

※Environment resistance is rated at no freezing or condensation.

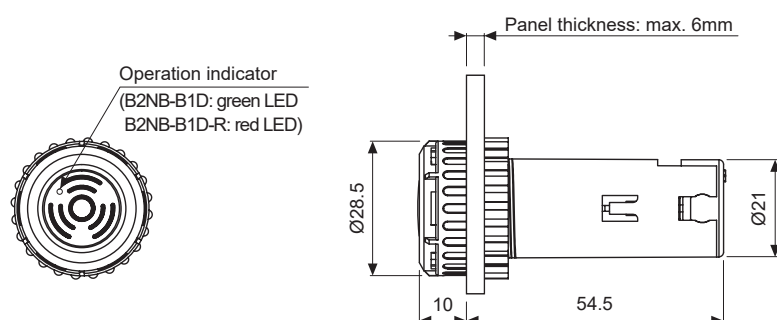
Dimensions

Piezo buzzer

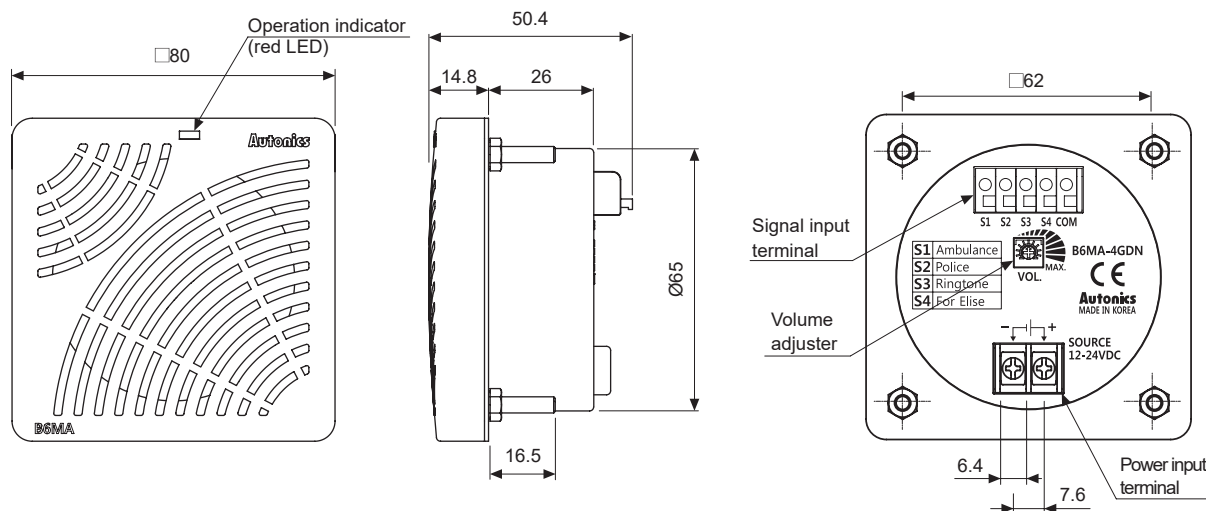
(unit: mm)



Magnetic buzzer



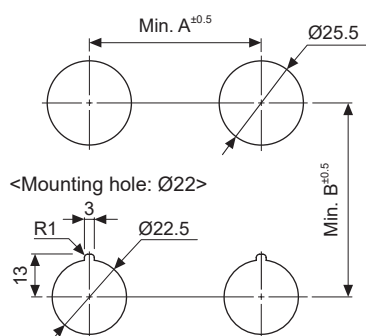
Melody buzzer



Panel cut-out dimensions

Piezo buzzer/Magnetic buzzer

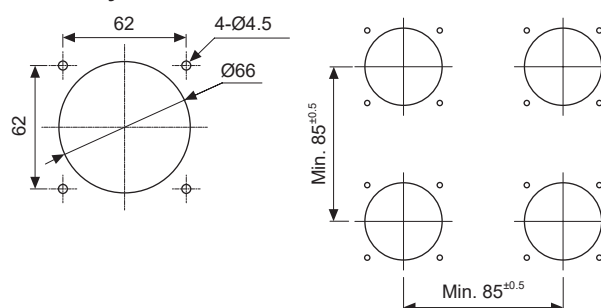
<Mounting hole: Ø25>



<Mounting hole: Ø22>

Item	A	B
Piezo buzzer	50	50
Magnetic buzzer	50	50

Melody buzzer



Control Switches

- Ø16
- Ø22/25
- Ø30
- 30

Push Button Switches

- Round
- Square
- Rectangular

Selector Switches

- Round
- Square
- Rectangular

Key Selector Switches

- Round
- Square
- Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

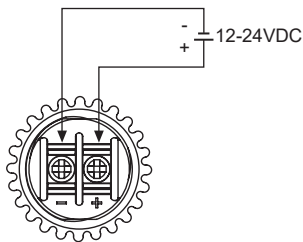
Accessories

Buzzers

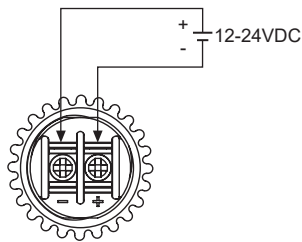
Setting Buzzer Type

Piezo buzzer

1. Continuous sound



2. Intermittent sound



Magnetic buzzer

1. Remove the bottom cover from the buzzer.



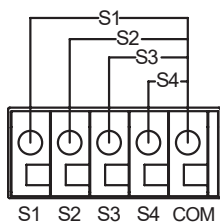
2. Remove the jumper pin using a flat-head (-) screwdriver.



※Buzzer type: continuous sound: beep————, intermittent sound: beep-, beep-
Jumper pin attached: intermittent sound
Jumper pin removed: continuous sound

Melody buzzer

Connect the COM terminal and the desired melody terminal with end sleeve (ferrule) crimp terminal.



No.	Terminals	Melody type
1	COM-S1	Ambulance
2	COM-S2	Police
3	COM-S3	Ringtone
4	COM-S4	For elise

※You may sample the melodies at www.autonics.com.

※Easy adjustment of the melody volume with a cross-head (+) screwdriver



※Convenient wiring: one-touch screwless connection with end sleeve (ferrule) crimp terminal



Control Switches

Ø16

Ø22/25

Ø30

□30

Push Button Switches

Round

Square

Rectangular

Selector Switches

Round

Square

Rectangular

Key Selector Switches

Round

Square

Rectangular

Double Push Button Switches

Mushroom-head Push Button Switches

Emergency Switches

Pilot Lights

Accessories

Buzzers

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