

30mm Selector Switch Metal Operators



Certified for
NEMA Type 4X
12 environment.

Selector Maintained & Momentary



Other colors available upon request. Please contact Altech for further information and part numbers.

Color

Cat No.

2 Position Maintained

■ Black	AS2-2P
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3 Position Maintained

■ Black	AS2-3P
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2 Position Momentary

■ Black	AS2-2PSR
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Key Selector Switch

Keyed Alike



To be used for applications where single or multiple operators are used, but the same key configurations are required. Standard key selector switches have the same key configuration (Cat. No. KY30).

Function

Key Removal

Cat No.

2 Position

Maintained	∩	Left/Right	AK2-2PB
Momentary	∩	Left	AK2-2POSR
Maintained	∩	Right	AK2-2PI
Maintained	∩	Left	AK2-2PO

3 Position

Maintained	∩	Left/Right	AK2-3PB
Maintained	∩	Center	AK2-3PC

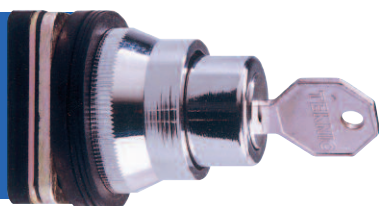


Replacement Key

KY30

Key Selector Switch

Keyed Differently



To be used for applications where multiple operators are used, but different key configurations are required. Each cat. no. have different key configurations.

Function

Key Removal

Cat No.

2 Position

Maintained	∩	Left	AK2-2PO-KD
Momentary	∩	Left	AK2-2PO-KD1
Maintained	∩	Left	AK2-2PO-KD2
Maintained	∩	Left	AK2-2PO-KD4
Maintained	∩	Left	AK2-2PO-KD5

3 Position

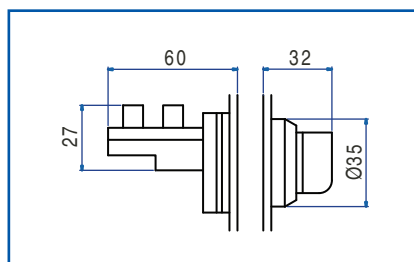
Maintained	∩	Center	AK2-3PC-KD
Maintained	∩	Center	AK2-3PC-KD1
Maintained	∩	Center	AK2-3PC-KD2
Maintained	∩	Center	AK2-3PC-KD3

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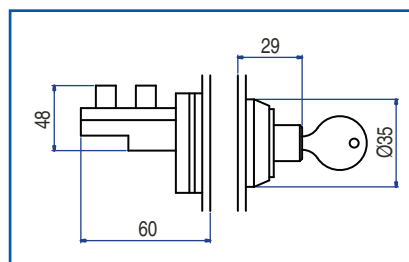
Dimensional Drawings

All dimensions shown in millimeters.
To convert to inches multiply by 0.03937

Flush Maintained and Momentary



Key Selector



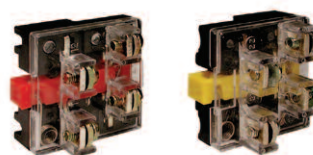
Contact Elements

Description

Cat. No.

1 Normally Open + 1 Normally Closed Silver Contacts	S11
2 Normally Open + 2 Normally Closed Silver Contacts	S11 + S12

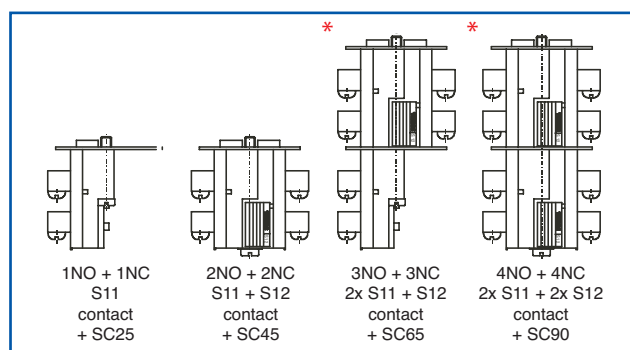
For additional contacts, see diagram at right.



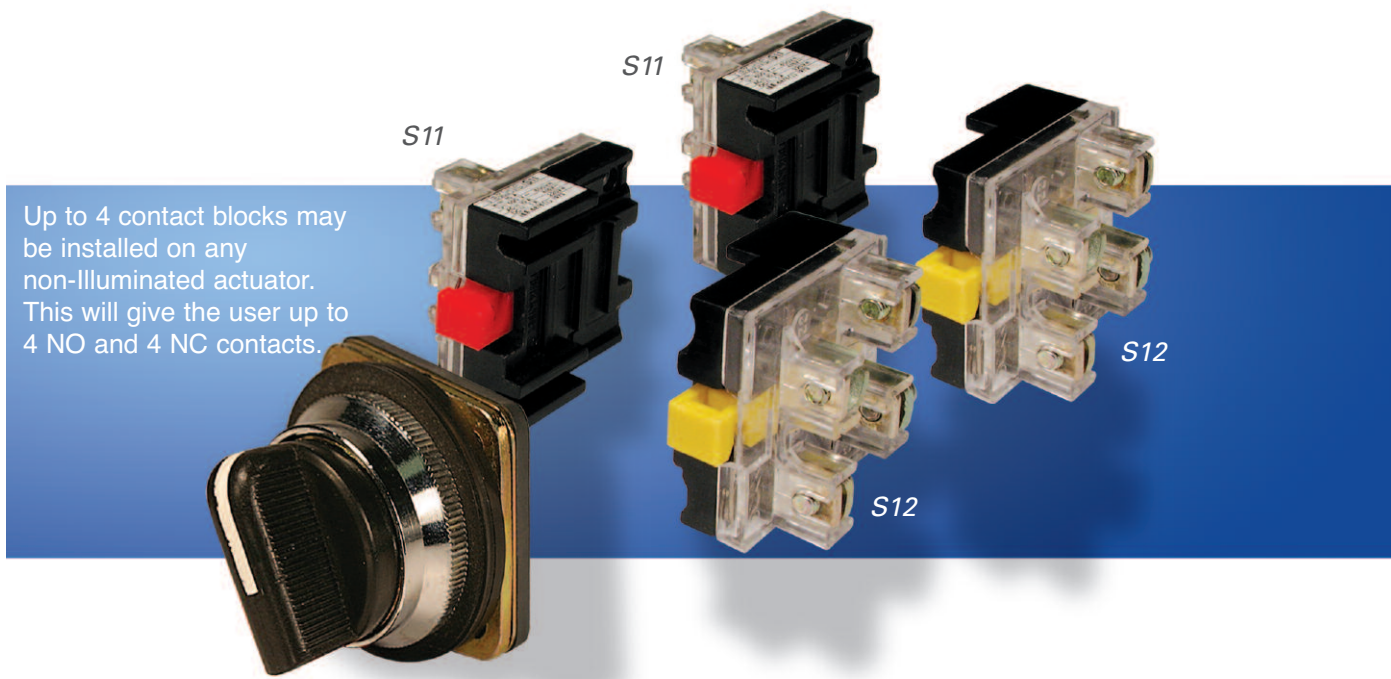
Contact Installation Screws

Type	Dimensions	Used with
SC25	M4 x 25 mm	S11
SC45	M4 x 45 mm	S11 + S12
SC65	M4 x 65 mm	2x S11 + S12
SC90	M4 x 90 mm	2x S11 + 2x S12

* When using more than two contact blocks, additional screws must be purchased separately (SC45 and SC90).



Exploded Assembly View



Up to 4 contact blocks may be installed on any non-illuminated actuator. This will give the user up to 4 NO and 4 NC contacts.

30mm Technical Notes

Characteristics

Environment

Temperature Range	-25°C to +70°C (-13°F to +158°F)	
Degree of protection:	IEC 529 UL50	IP65 NEMA Type 4X, 12
Mechanical Life	All push buttons except maintained mushroom maintained mushroom	1 million of cycles 0.3 million of cycles

Mechanical Characteristics of contact elements

Contact Operation	NO+NC	Double break, self-wiping
Rated Insulation Voltage		500 V AC
Operating Travel	Push buttons	Changing NC state 2.4mm Changing NO state 4.3mm Travel 8.7mm
Terminal Capacity	Wiring	2x1.5 sq.mm (2x16 AWG) or 1x2.5 sq.mm (14 AWG)
Contact Material	Bimetal (Cu/Ag)	Standard single element
Short Circuit Protection		10A HRC fuse
Rated Make Break	UL508, AC: A600; 600V, 1.2A DC: Q600; 600V, 0.1A	standard block with screw clamp terminals 415V AC, 4A standard block with screw clamp terminals 220V AC, 0.5A
Dielectric Strength	Push Buttons, Pilot Lights	2500V for 1 minute