

30mm Non-Illuminated Metal Operators



Certified for
NEMA Type 4X
12 environment.

Mushroom with Key



All keys are “keyed alike”. Different keys are available on request.
Other colors are available on request.

Color	Function	Cat No.
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Press to Lock, Key to Release

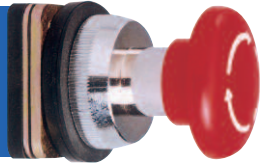
■ Black	Maintained	AMLKB2
■ Red	Maintained	AMLKB4

Key to Lock, Key to Release

■ Black	Maintained	AMKB2
■ Red	Maintained	AMKB4

Mushroom with Indicating Arrows

(Press to lock, turn to release.)



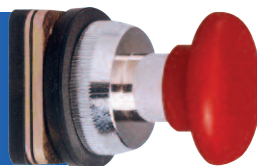
Other colors are available on request.

Color	Function	Cat No.
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Press to Lock, Turn to Release

■ Black	Maintained	AML2
■ Red	Maintained	AML4

Mushroom Momentary



Color	Function	Cat No.
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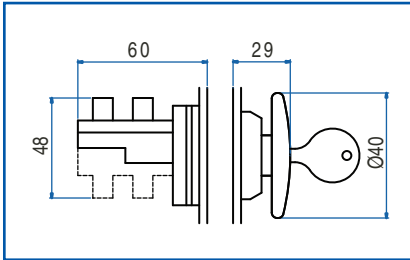
□ White	Momentary	AM1
■ Black	Momentary	AM2
■ Green	Momentary	AM3
■ Red	Momentary	AM4
■ Blue	Momentary	AM6
■ Yellow	Momentary	AM8

30mm Non-Illuminated Metal Operators

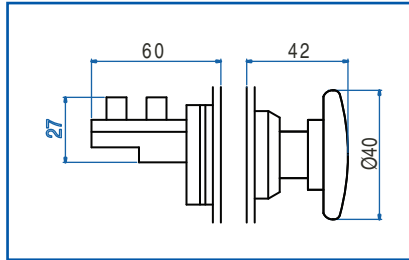
Dimensional Drawings

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

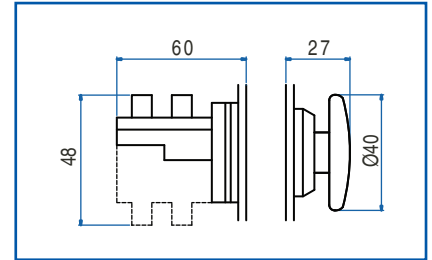
Mushroom with Key



Mushroom with Indicating Arrows



Mushroom Momentary



Contact Elements

Description

1 Normally Open + 1 Normally Closed
Silver Contacts

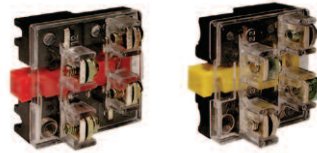
Cat. No.

S11

2 Normally Open + 2 Normally Closed
Silver Contacts

S11 + S12

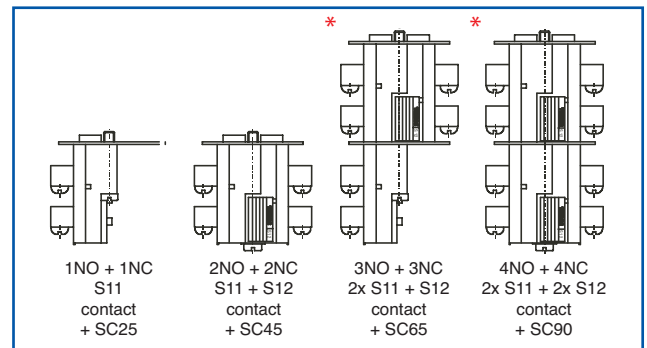
For additional contacts, see diagram at right.



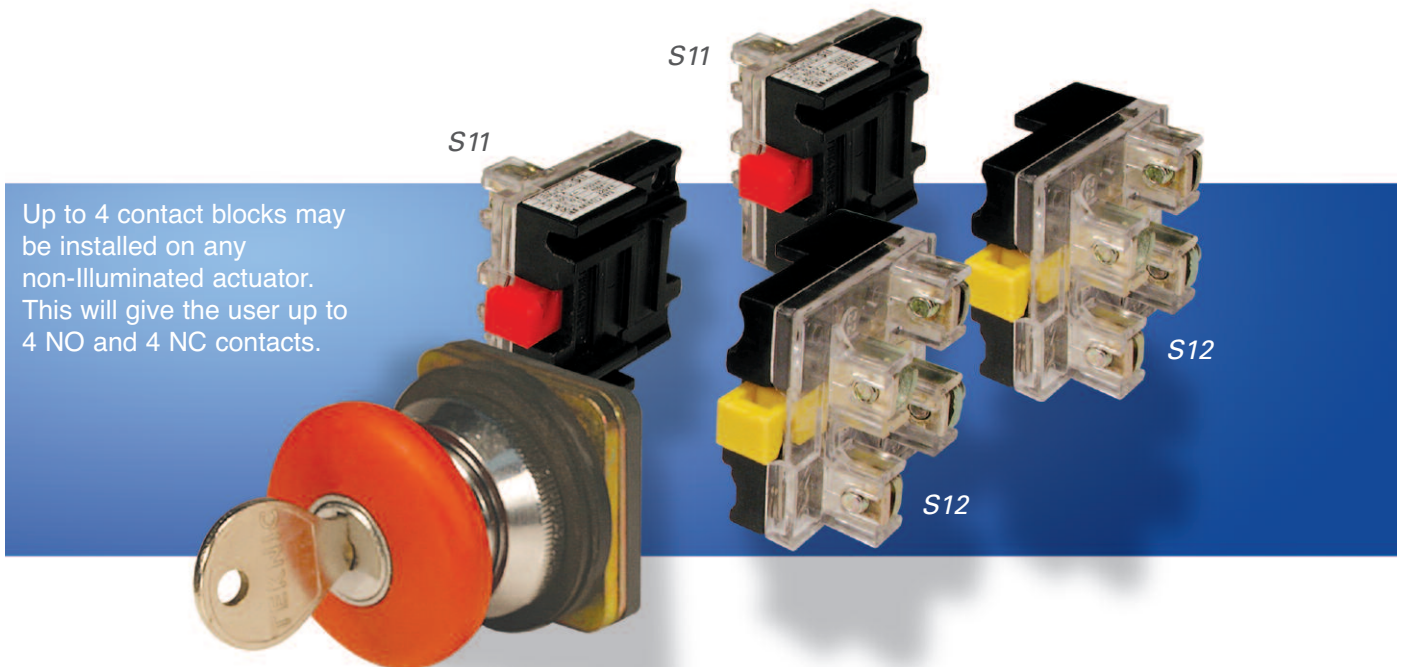
Contact Installation Screws

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