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.

C	Color	Function	Cat No.	
P	Press to Lock, Key to Release			
■ B	Black	Maintained	AMLKB2	
F	Red	Maintained	AMLKB4	
Key to Lock, Key to Release				
■ B	Black	Maintained	AMKB2	
■ F	Red	Maintained	AMKB4	





Other colors are available on request.

Color	Function	Cat No.
Press to Lock	, Turn to Release	
■ Black	Maintained	AML2
Red	Maintained	AML4

Mushroom Momentary



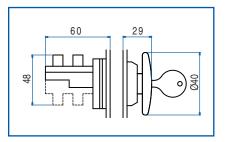
Color	Function	Cat No.
☐ White	Momentary	AM1
Black	Momentary	AM2
Green	Momentary	AM3
Red	Momentary	AM4
■ Blue	Momentary	AM6
Yellow	Momentary	AM8

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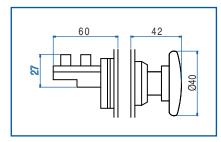
Dimensional Drawings

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

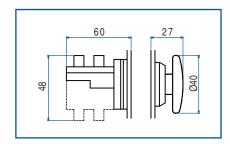
Mushroom with Key



Mushroom with Indicating Arrows



Mushroom Momentary



Contact Elements

Description	Cat. No.
1 Normally Open + 1 Normally Closed Silver Contacts	S11
2 Normally Open + 2 Normally Closed Silver Contacts	S11 + S12

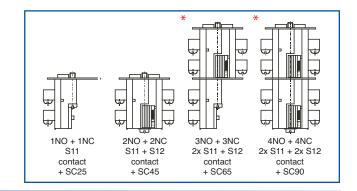
For additional contacts, see diagram at right.

Contact Installation Screws		
Туре	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

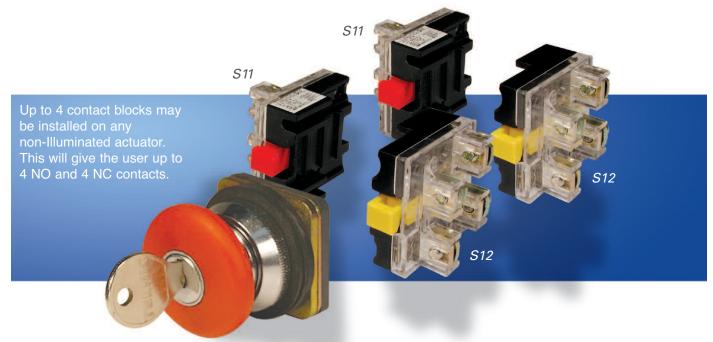
^{*} When using more than two contact blocks, additonal screws must be purchased separately (SC45 and SC90).







Exploded Assembly View



30mm Technical Notes

Characteristics

Environment

Temperature Range		-25°C to +70°C (-13°F to +158°F)
Degree of protection:	IEC 529	IP65
	UL50	NEMA Type 4X, 12
Mechanical Life	All push buttons	1 million of cycles
	except maintained mushroom	
	maintained mushroom	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	standard block with screw clamp
	DC: Q600; 600V, 0.1A	terminals 415V AC, 4A
		standard block with screw clamp
		terminals 220V AC, 0.5A
Dielectric Strength	Push Buttons, Pilot Lights	2500V for 1 minute