

## 30 mm Push Buttons



Flush  
Non Illuminated  
Momentary



Flush  
Illuminated  
Momentary



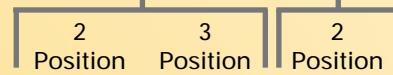
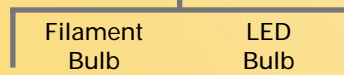
Booted  
Momentary



Projecting  
Momentary



Selector  
Maintained  
Momentary



Color	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
White	AF1	ALF1-XXX	ALF1LB-XXX	AB1	AP1	AS2-2P	AS2-3P	AS2-2PSR
Black	AF2			AB2	AP2			
Green	AF3	ALF3-XXX	ALF3LB-XXX	AB3	AP3			
Red	AF4	ALF4-XXX	ALF4LB-XXX	AB4	AP4			
Amber		ALF5-XXX	ALF5LB-XXX					
Blue	AF6	ALF6-XXX	ALF6LB-XXX	AB6	AP6			
Clear*		ALF7-XXX	ALF7LB-XXX*					
Yellow	AF8	ALF8-XXX	ALF8LB-XXX	AB8	AP8			

\* ALF7LB-XXX supplied with yellow LED

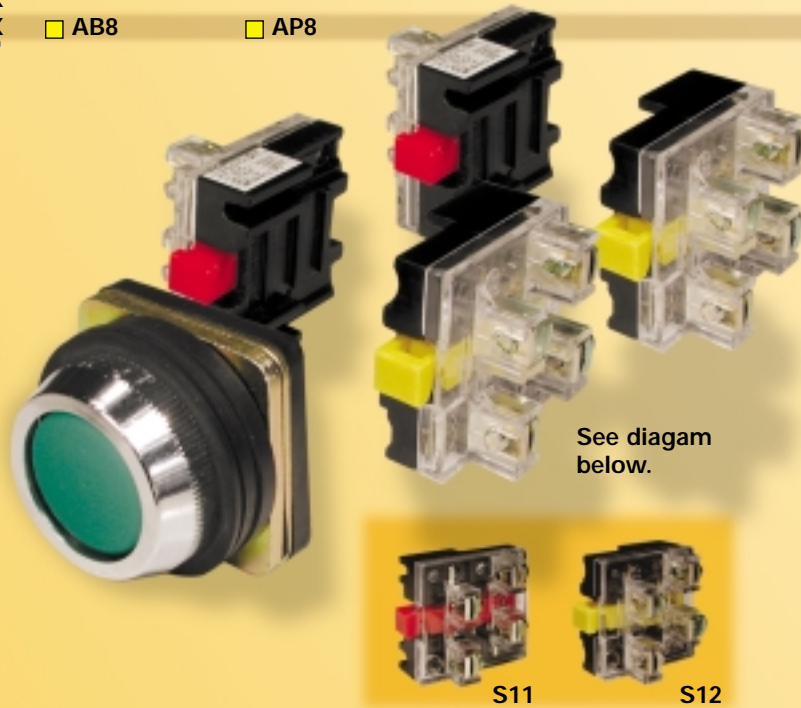
Note:  
All LED pilot lights and illuminated actuators at a specified voltage will operate on either AC or DC.

Voltage Codes	
024	= 24V AC/DC
048	= 48V AC/DC
110	= 110V AC/DC
230	= 230V AC/DC



Certified for type 4X, 12 environment.

Note:  
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. With an illuminated actuator (ALF series), 2 contact blocks may be installed.



See diagram below.

S11

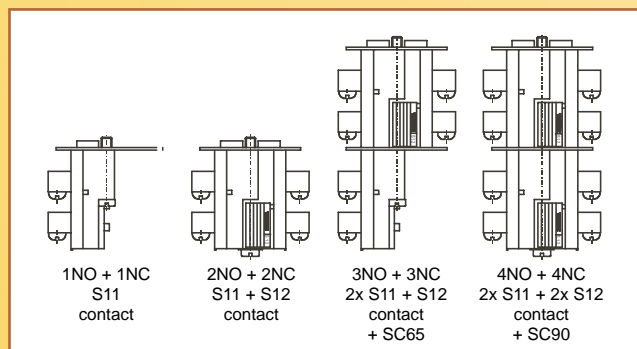
S12

## 30 mm 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	S12, S11 + S12
SC65	M4 x 65 mm	2x S11 + S12
SC90	M4 x 90 mm	2x S11 + 2x S12



# 30 mm Push Buttons



Mushroom with Key



Mushroom with Indicating Arrows

Press to Lock,  
Turn to Release



Mushroom Momentary



Key

Press to Lock, Key to Release    Key to Lock, Key to Release

Cat. No.

Cat. No.

Cat. No.

Cat. No.

Cat. No.

■ AMLKB2

■ AMKB2

■ AML2

□ AM1

■ AM2

■ AK2-XXXXX

■ AMLKB4

■ AMKB4

■ AML4

■ AM3

■ AM4

■ AM6

■ AM8

### Characteristics

#### Environment

Ambient Temperature	Storage	deg C	-25 to +70
Degrees of Protection	Conforming to IEC 529		IP65
Mechanical Life in millions of operating cycles	All push buttons except maintained mushroom		1
	maintained mushroom		0.3

#### Mechanical Characteristics of contact elements

Contact Operation	NC+NO	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	Cablings	2x1.5 sq.mm (2x16 AWG) or 1x2.5 sq.mm (14 AWG)
Contact Material	Bimetal (Cu/Ag)	Standard single element
Short Circuit Protection	Conforming to IS6875-II	10A HRC fuse
Rated Make Break	UL508, A600 Q600, ratings	standard block with screw clamp terminals 415V, 10A standard block with screw clamp terminals 220V, 2A
Dielectric Strength	Push Buttons, Pilot Lights	2500V for 1 minute

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#### Function Codes

Ser. No.	Function
2PB	Maintained
2POSR	Momentary
2PI	Maintained
2PO	Maintained
3PB	Maintained
3PC	Maintained

#### Key Removal

Function
Both Positions
Left Position
Right Position
Left Position
Left and Right Position
Center Position



Certified for type 4X, 12 environment.

Note:  
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### Pilot Lights

Color

- White
- Green
- Red
- Amber
- Blue
- Clear
- Yellow

Filament Cat. No.

- PLB1-XXX
- PLB3-XXX
- PLB4-XXX
- PLB5-XXX
- PLB6-XXX
- PLB7-XXX
- PLB8-XXX

LED Cat. No.

- PLB1LB-XXX
- PLB3LB-XXX
- PLB4LB-XXX
- PLB5LB-XXX
- PLB6LB-XXX
- PLB7LB-XXX\*
- PLB8LB-XXX

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