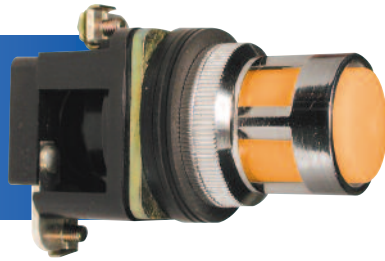


30mm Illuminated Metal Operators



Certified for
NEMA Type 4X
12 environment.

Flush Illuminated Momentary



Note:
All LED illuminated actuators and pilot lights at a specified voltage will operate on AC and DC.
Except for 110V and 230V specify AC or DC type.



Replacement bulbs
available.
See page 54.



Color	Voltage	Cat No.
24V AC/DC (filament bulb)		
<input type="checkbox"/> White	24V AC/DC	ALF1-024
<input checked="" type="checkbox"/> Green	24V AC/DC	ALF3-024
<input checked="" type="checkbox"/> Red	24V AC/DC	ALF4-024
<input checked="" type="checkbox"/> Amber	24V AC/DC	ALF5-024
<input checked="" type="checkbox"/> Blue	24V AC/DC	ALF6-024
<input type="checkbox"/> Clear	24V AC/DC	ALF7-024
<input checked="" type="checkbox"/> Yellow	24V AC/DC	ALF8-024
48V AC/DC (filament bulb)		
<input type="checkbox"/> White	48V AC/DC	ALF1-048
<input checked="" type="checkbox"/> Green	48V AC/DC	ALF3-048
<input checked="" type="checkbox"/> Red	48V AC/DC	ALF4-048
<input checked="" type="checkbox"/> Amber	48V AC/DC	ALF5-048
<input checked="" type="checkbox"/> Blue	48V AC/DC	ALF6-048
<input type="checkbox"/> Clear	48V AC/DC	ALF7-048
<input checked="" type="checkbox"/> Yellow	48V AC/DC	ALF8-048
110V AC/DC (filament bulb)		
<input type="checkbox"/> White	110V AC/DC	ALF1-110
<input checked="" type="checkbox"/> Green	110V AC/DC	ALF3-110
<input checked="" type="checkbox"/> Red	110V AC/DC	ALF4-110
<input checked="" type="checkbox"/> Amber	110V AC/DC	ALF5-110
<input checked="" type="checkbox"/> Blue	110V AC/DC	ALF6-110
<input type="checkbox"/> Clear	110V AC/DC	ALF7-110
<input checked="" type="checkbox"/> Yellow	110V AC/DC	ALF8-110
230V AC (filament bulb)		
<input type="checkbox"/> White	230V AC	ALF1-230
<input checked="" type="checkbox"/> Green	230V AC	ALF3-230
<input checked="" type="checkbox"/> Red	230V AC	ALF4-230
<input checked="" type="checkbox"/> Amber	230V AC	ALF5-230
<input checked="" type="checkbox"/> Blue	230V AC	ALF6-230
<input type="checkbox"/> Clear	230V AC	ALF7-230
<input checked="" type="checkbox"/> Yellow	230V AC	ALF8-230
<i>230V DC version is available on request.</i>		
24V AC/DC (LED bulb)		
<input type="checkbox"/> White	24V AC/DC	ALF1LB-024
<input checked="" type="checkbox"/> Green	24V AC/DC	ALF3LB-024
<input checked="" type="checkbox"/> Red	24V AC/DC	ALF4LB-024
<input checked="" type="checkbox"/> Amber	24V AC/DC	ALF5LB-024
<input checked="" type="checkbox"/> Blue	24V AC/DC	ALF6LB-024
<input type="checkbox"/> Clear	24V AC/DC	ALF7LB-024
<input checked="" type="checkbox"/> Yellow	24V AC/DC	ALF8LB-024
48V AC/DC (LED bulb)		
<input type="checkbox"/> White	48V AC/DC	ALF1LB-048
<input checked="" type="checkbox"/> Green	48V AC/DC	ALF3LB-048
<input checked="" type="checkbox"/> Red	48V AC/DC	ALF4LB-048
<input checked="" type="checkbox"/> Amber	48V AC/DC	ALF5LB-048
<input checked="" type="checkbox"/> Blue	48V AC/DC	ALF6LB-048
<input type="checkbox"/> Clear	48V AC/DC	ALF7LB-048
<input checked="" type="checkbox"/> Yellow	48V AC/DC	ALF8LB-048
110V AC* (LED bulb)		
<input type="checkbox"/> White	110V AC*	ALF1LB-110
<input checked="" type="checkbox"/> Green	110V AC*	ALF3LB-110
<input checked="" type="checkbox"/> Red	110V AC*	ALF4LB-110
<input checked="" type="checkbox"/> Amber	110V AC*	ALF5LB-110
<input checked="" type="checkbox"/> Blue	110V AC*	ALF6LB-110
<input type="checkbox"/> Clear	110V AC*	ALF7LB-110
<input checked="" type="checkbox"/> Yellow	110V AC*	ALF8LB-110
230V AC* (LED bulb)		
<input type="checkbox"/> White	230V AC*	ALF1LB-230
<input checked="" type="checkbox"/> Green	230V AC*	ALF3LB-230
<input checked="" type="checkbox"/> Red	230V AC*	ALF4LB-230
<input checked="" type="checkbox"/> Amber	230V AC*	ALF5LB-230
<input checked="" type="checkbox"/> Blue	230V AC*	ALF6LB-230
<input type="checkbox"/> Clear	230V AC*	ALF7LB-230
<input checked="" type="checkbox"/> Yellow	230V AC*	ALF8LB-230

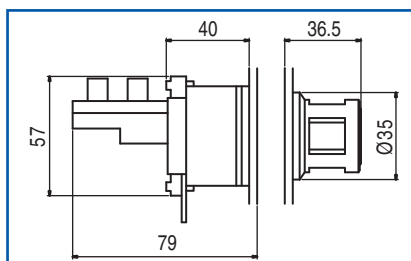
*110V DC and 230V DC version is available on request.

30mm Illuminated Metal Operators

Dimensional Drawings

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

Flush Illuminated Momentary



Contact Elements

Description

1 Normally Open + 1 Normally Closed
Silver Contacts

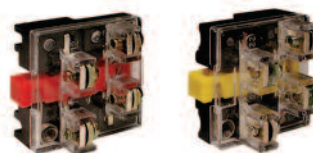
Cat. No.

S11

2 Normally Open + 2 Normally Closed
Silver Contacts

S11 + S12

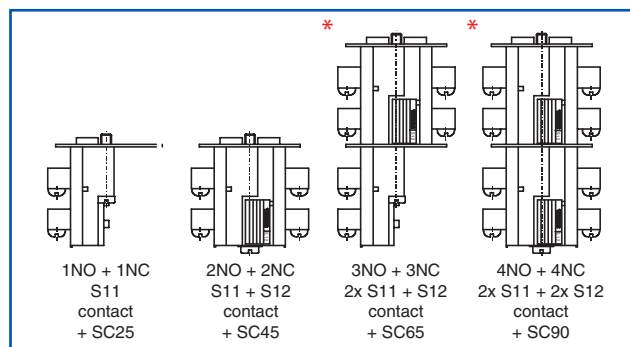
For additional contacts, see diagram at right.



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 (SC65 and SC90).



Exploded Assembly View

Up to 4 contact blocks may be installed on any Illuminated actuator. This will give the user up to 2 NO and 2 NC contacts.

