22mm LED Illuminated Metal Selector Switch Operators

Certified for
NEMA Type 4X
12 environment.

CSA ‖ CE ‖ D V E

E225660

Selector

with bulb holder,
LED bulb and
mounting bracket
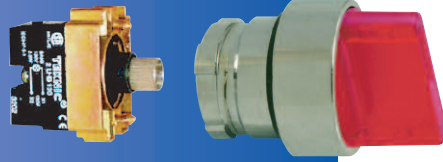
Other combinations and colors available upon request.
Please contact Altech for further information and part numbers.

XXX = Voltage Codes

Code		Voltage
012	=	12VAC/DC
024	=	24VAC/DC
048	=	48VAC/DC
110	=	110VAC
110D	=	110VDC
230	=	230VAC
230D	=	230VDC

SAMPLE ASSEMBLY

Push button assemblies are available
in a variety of custom configurations.

Replacement
bulbs available.
See page 39.

| Color	Function	Cat No.
2 Position		
White	Maintained	2ASL1LB-1-XXX
Green	Maintained	2ASL3LB-1-XXX
Red	Maintained	2ASL4LB-1-XXX
Amber	Maintained	2ASL5LB-1-XXX
Blue	Maintained	2ASL6LB-1-XXX
Clear	Maintained	2ASL7LB-1-XXX
Yelllow	Maintained	2ASL8LB-1-XXX
2 Position		
White	Spring Return	2ASL1LB-2-XXX
Green	Spring Return	2ASL3LB-2-XXX
Red	Spring Return	2ASL4LB-2-XXX
Amber	Spring Return	2ASL5LB-2-XXX
Blue	Spring Return	2ASL6LB-2-XXX
Clear	Spring Return	2ASL7LB-2-XXX
Yelllow	Spring Return	2ASL8LB-2-XXX
3 Position		
White	Maintained	2ASL1LB-3-XXX
Green	Maintained	2ASL3LB-3-XXX
Red	Maintained	2ASL4LB-3-XXX
Amber	Maintained	2ASL5LB-3-XXX
Blue	Maintained	2ASL6LB-3-XXX
Clear	Maintained	2ASL7LB-3-XXX
Yelllow	Maintained	2ASL8LB-3-XXX
3 Position, *spring return from left and right*		
White	Spring Return	2ASL1LB-4-XXX
Green	Spring Return	2ASL3LB-4-XXX
Red	Spring Return	2ASL4LB-4-XXX
Amber	Spring Return	2ASL5LB-4-XXX
Blue	Spring Return	2ASL6LB-4-XXX
Clear	Spring Return	2ASL7LB-4-XXX
Yelllow	Spring Return	2ASL8LB-4-XXX
3 Position, *spring return from right*		
White	Spring Return	2ASL1LB-5-XXX
Green	Spring Return	2ASL3LB-5-XXX
Red	Spring Return	2ASL4LB-5-XXX
Amber	Spring Return	2ASL5LB-5-XXX
Blue	Spring Return	2ASL6LB-5-XXX
Clear	Spring Return	2ASL7LB-5-XXX
Yelllow	Spring Return	2ASL8LB-5-XXX
3 Position, *spring return from left*		
White	Spring Return	2ASL1LB-6-XXX
Green	Spring Return	2ASL3LB-6-XXX
Red	Spring Return	2ASL4LB-6-XXX
Amber	Spring Return	2ASL5LB-6-XXX
Blue	Spring Return	2ASL6LB-6-XXX
Clear	Spring Return	2ASL7LB-6-XXX
Yelllow	Spring Return	2ASL8LB-6-XXX

Altech Corp.®

Dimensional Drawings
All dimensions shown in millimeters.
To convert to inches multiply by 0.03937
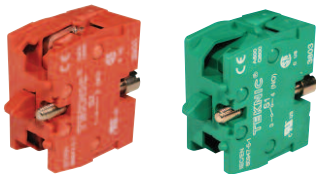
**3 POSITION
SELECTOR SWITCH
CONTACT BLOCK GUIDE**

⊙	⊙	⊙	CONTACTOR BLOCK GUIDE
×	O	O	1 NO (left)
O	×	O	2 NC in series (side × side)
O	O	×	1 NO (right)
×	×	O	1 NC (right)
O	×	×	1 NC (left)
×	O	×	2 NO in parallel (side × side)

(Left or right as seen from front of operator)

Illuminated Selector

29   37   26   29
61
85
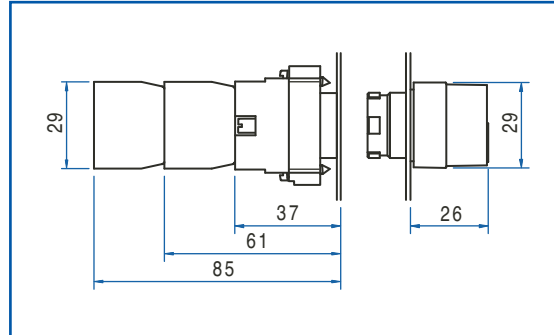
Switch Contacts
(sold separately)

- Heavy-duty contact blocks with mounting screws. Blocks can be stacked 2 blocks across by 3 blocks deep for a total of 6 circuits.
- Contact blocks are available with silver contacts or gold plated contacts
- Self-wiping contacts

Panel Mount

|	
Normally Open Silver	**S1**
Normally Closed Silver	**S2**
Normally Open Gold Plated	**S3**
Normally Closed Gold Plated	**S4**

Base Mount*

Normally Open Silver	**S5**
Normally Closed Silver	**S6**
Normally Open Gold Plated	**S7**
Normally Closed Gold Plated	**S8**

* For use with non-illuminated operators in thermoplastic or aluminum enclosures listed on pages 30 and 36-37.

Exploded Assembly View

- *Up to four switch contacts can be installed with any Illuminated operator.*
- *Switch contacts and operators are sold separately. Preassembled push buttons are available on request.*

S1

S2

S1

S2
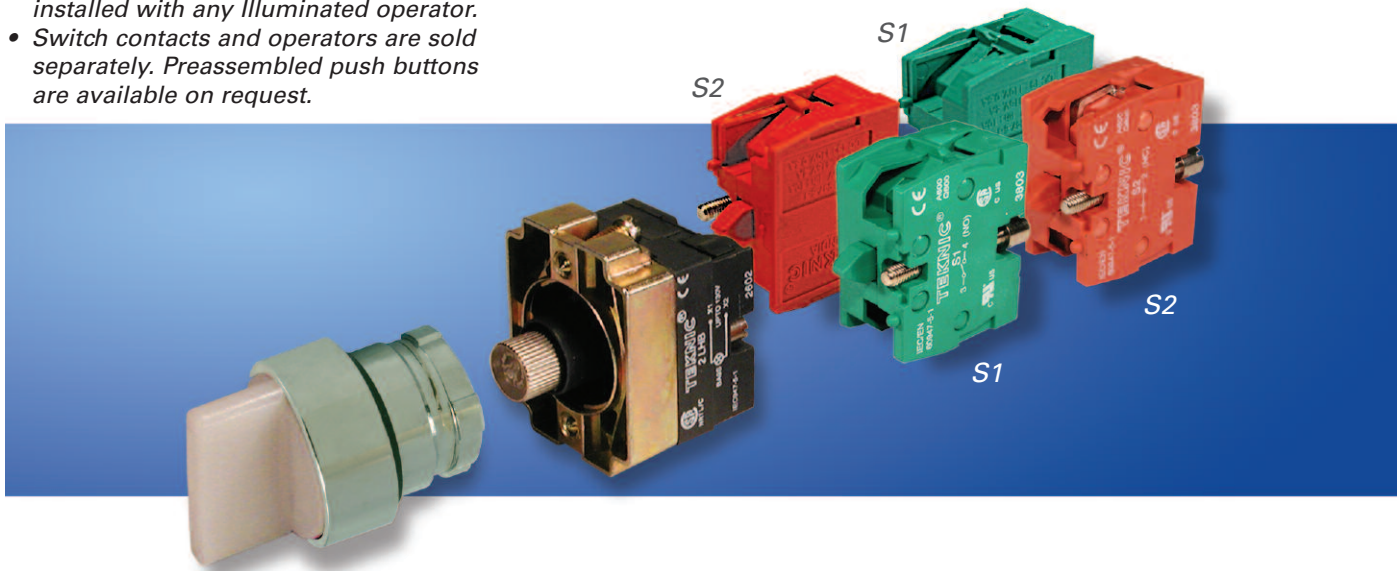
22mm Specifications

Electrical and Mechanical Characteristics

Standard conformity:	IEC 60947-5-1
Approvals:	VDE0660
	CSA - C22.2 No. 14-95
	UL508
	IEC 947 - 5 (1) 1990, IS 13947
	ASTA UK certified as per IEC 947 - 5 - (1) 1990
Degree of protection:	IP 65 as per IEC 529
	NEMA Type 4X, 12 as per UL50
Temperature Range:	- 25°C to + 70°C (-13°F to +158°F)

Contact Block

Rated voltage:	600V AC /DC
Rated current:	10A AC / 2.5A DC
Contact operation:	self-wiping, slow break NO or NC
UL508 rating (pilot duty):	
CSA - C22.2 No. 14-95:	A600: 10A; 600V AC
	Q600: 2.5A; 600V DC
Make and break capacity	
IEC 947 - 5 - (1) 1990:	AC 15 4A, 415V AC
	DC 13 0.5A, 110V DC
Terminal capacity:	minimum 20 AWG (0.5 mm^2)
	maximum 2x16 AWG (2 x 1.5 mm^2) or 14 AWG (2.5 mm^2)
Terminal marking:	1-2 for NC, 3-4 for NO
Short circuit protection:	10A cartridge fuse HRC type, rated for resistive loads
Mechanical life:	1 million operations

Modules for Pilot Lights & Illuminated Switches with LED Bulbs

Current consumption (applicable to all colors)	
24 VAC/DC, 100 VAC & 240 VAC:	max. 20 mA
110 VDC:	max. 15 mA
220 VDC:	max. 10 mA
Service life (at nominal voltage and at ambient temperature of 25°C):	100,000 hours
Voltage limits (nominal voltage):	<20% of rated voltage>
Short circuit protection:	on specific request
Terminal capacity:	min. 1 x 0.5 mm^2 (20 AWG), max. 2 x 1.5 mm^2 (2x16 AWG)
	or 1 x 2.5 mm^2 (1x14 AWG)