

# XLC Explosionproof Lighting Contactors

Cl. I, Div. 1 & 2, Groups B, C, D  
 Cl. I, Zones 1 & 2  
 Cl. II, Div. 1, Groups E, F, G  
 Cl. II, Div. 2, Groups F, G  
 Cl. III

NEMA 3, 7BCD, 9EFG

Explosionproof lighting contactors provide efficient use of power, greater utilization of daylight, and automated control in the most extreme harsh and hazardous locations while extending lighting lifetime.

### Applications:

- Areas requiring safe and efficient variable lighting control
- Areas with hazardous gas, vapors, and dust
- Indoor or outdoor locations in damp, wet, dusty, or corrosive environments

### Features:

- Variable lighting control utilizing manual on/off or automatic settings
- Photocell option provides maximum utilization of sunlight for energy conservation
- Modular lighting contactor design provides flexibility to add future power poles
- Lighting contacts are electrically held for superior performance
- Power poles convert from NO to NC with a simple 180° turn

### Standard configuration includes:

- EJB121208 enclosure with mounting plate, hinges, and breather/drain
- Captive, triple lead, quick release, hex head stainless steel bolts with spring-loaded action
- Tap-in mounting feet offer simple and secure installation and are easily replaceable
- Special neoprene cover gasket provides a watertight seal to meet NEMA requirements
- Internal neutral and ground bar
- Electrically held modular lighting contactor
- Two 3/4" NPT control conduit entries - one on top and one on bottom
- Twelve 1" NPT power conduit entries - six on top and six on bottom
- DSL nameplates are standard for all operator positions and Lamacoid nameplates are available upon request

### Certifications and Compliances:

- Class I, Divisions 1 & 2, Groups B, C, D
- Class I, Zones 1 & 2
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III
- NEMA 3, 7BCD, 9EFG
- UL Standard: 1203
- cUL to CSA Standard C22.2 No. 30
- Ex d IIB + H<sub>2</sub>

### Standard Materials:

- Body and cover – copper-free aluminum
- Gasket – neoprene
- Cover bolts – stainless steel
- Hinges – stainless steel

### Electrical Ratings\*:

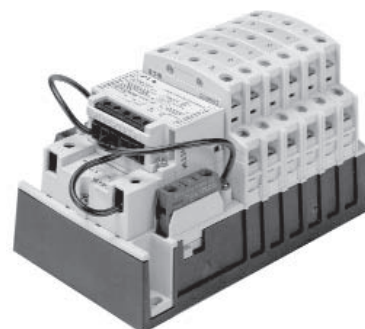
- Voltage: 600V
- Coil voltage: 120V
- Amperage: 30A
- Number of poles: 1-12 standard

### Options:

Description	Suffix
Terminal block**	TB
Timer**	TR
EV2IH20 photocell (120V)	PC1
EV2IH208 277 photocell (208-277V)	PC2
Epoxy finish (external)	S752
Epoxy finish (internal and external)	S753
Lamacoid nameplate	LID
Heater	R11

### Ordering Information:

Amps = 30A	
Poles	120V
2	XLC30A2
3	XLC30A3
4	XLC30A4
5	XLC30A5
6	XLC30A6
7	XLC30A7
8	XLC30A8
9	XLC30A9
10	XLC30A10
11	XLC30A11
12	XLC30A12



Example of lighting contactor within the XLC solution



EMP Operator Positions:	
1.	2.
3.	4.

Additional EMP operators available, see page 581

Photocells are shipped separate for field installation.

\*Additional configurations are available upon request.

\*\*Timer and/or terminal block will require a larger enclosure (EJB181208). Please contact Customer Service for details.

All entries are plugged as standard.

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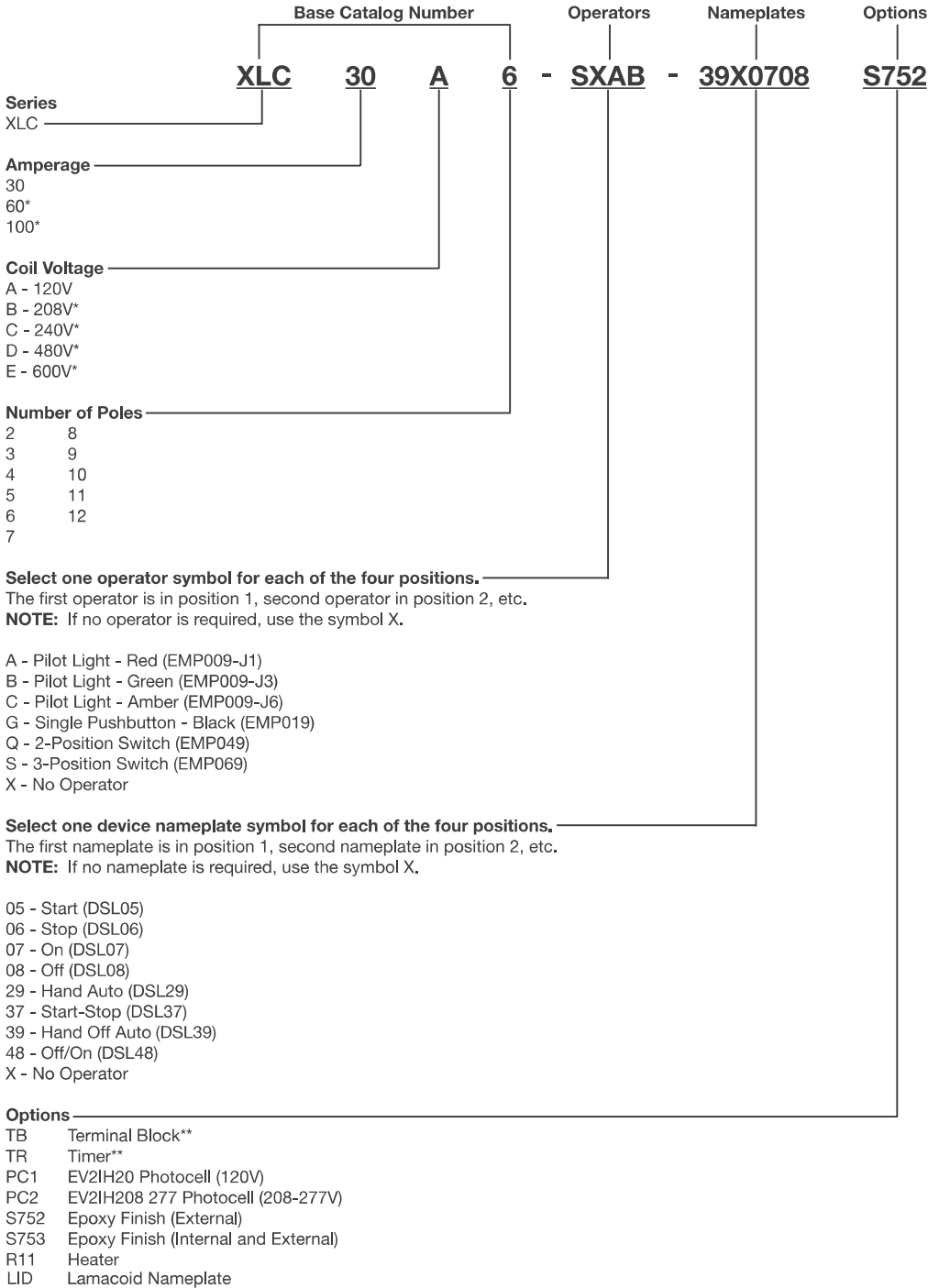
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5C

## Catalog Number Example: XLC30A6-SXAB-39X0708 S752

XLC Lighting Contactor, 30A, 120V, 6 pole, HOA 3-position switch in position 1, no operator in position 2, red pilot light in position 3, green pilot light in position 4, HOA DSL in position 1, no DSL in position 2, ON DSL in position 3, OFF DSL in position 4, epoxy finish (external).

## Catalog Numbering Example:



Additional EMP operators available, see page 581  
 Photocells are shipped separate for field installation.  
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