

# 5C 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

## Standard materials:

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

## Electrical ratings\*:

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

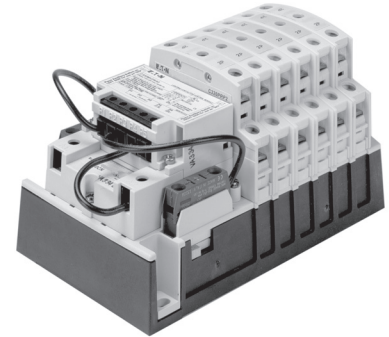
## Options:

| 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     | <b>XLC30A2</b>  |
| 3     | <b>XLC30A3</b>  |
| 4     | <b>XLC30A4</b>  |
| 5     | <b>XLC30A5</b>  |
| 6     | <b>XLC30A6</b>  |
| 7     | <b>XLC30A7</b>  |
| 8     | <b>XLC30A8</b>  |
| 9     | <b>XLC30A9</b>  |
| 10    | <b>XLC30A10</b> |
| 11    | <b>XLC30A11</b> |
| 12    | <b>XLC30A12</b> |



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. Please contact Customer Service for details.

\*\*Timer and/or terminal block may require larger enclosure.

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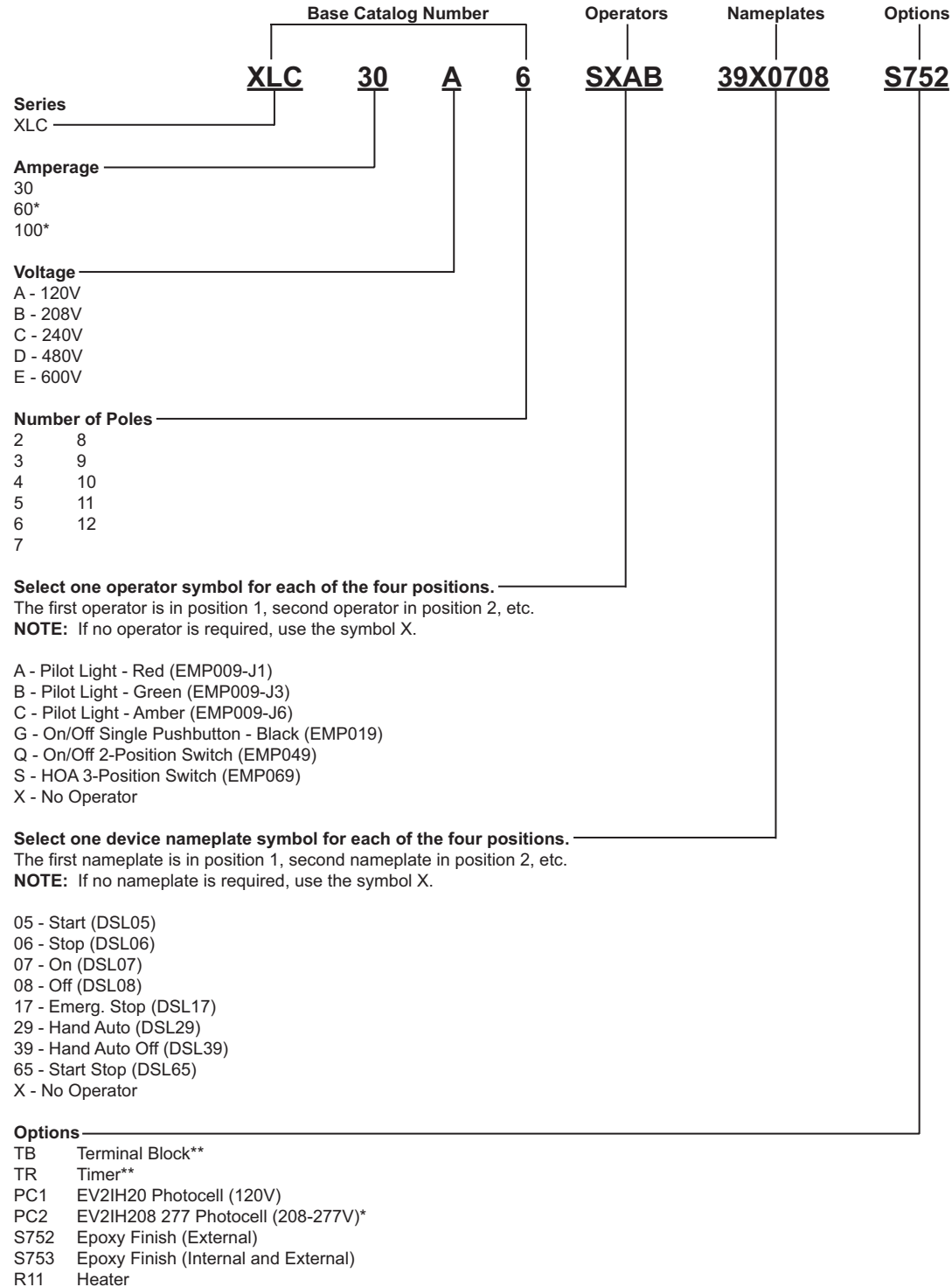
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5C

## Catalog number example: XLC30A6SXAB39X0708

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 4, ON DSL in position 2, ON DSL in position 3, OFF DSL in position 4.

## Catalog numbering example:



Additional EMP operators available, see page 581

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\*Additional amperage configurations are available upon request. Please contact the Engineer to Order (ETO) team for details.

\*\*Timer and/or terminal block may require larger enclosure.

**Crouse-Hinds**

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