



Product designation

Contact elements  
- without  
mounting adapter  
LPXC

Product type designation

### Electrical characteristics

|                                                    |   |           |
|----------------------------------------------------|---|-----------|
| Rated insulation voltage $U_i$ IEC/EN              | V | 690       |
| IEC Conventional free air thermal current $I_{th}$ | A | 10        |
| Conductivity                                       |   | 1mA 5V    |
| UL/CSA and IEC/EN 60947-5-1 designation            |   | A600 Q600 |
| Operating current AC15                             |   |           |

|      |   |     |
|------|---|-----|
| 12V  | A | 6   |
| 24V  | A | 6   |
| 48V  | A | 6   |
| 120V | A | 6   |
| 240V | A | 3   |
| 400V | A | 1.9 |
| 480V | A | 1.5 |
| 500V | A | 1.4 |
| 600V | A | 1.2 |

Operating current DC13

|      |   |      |
|------|---|------|
| 12V  | A | 3    |
| 24V  | A | 3    |
| 48V  | A | 1.5  |
| 125V | A | 0.55 |
| 250V | A | 0.27 |
| 440V | A | 0.15 |
| 500V | A | 0.13 |
| 600V | A | 0.1  |

|                    |    |     |
|--------------------|----|-----|
| Contact resistance | mΩ | ≤20 |
|--------------------|----|-----|

### Operations

|                 |        |         |
|-----------------|--------|---------|
| Electrical life | cycles | 1000000 |
|-----------------|--------|---------|

### Mechanical features

|                                     |       |              |
|-------------------------------------|-------|--------------|
| Operating force                     | kg-lb | ≤0.5Kg/1.1lb |
| Tightening torque for terminals max | Nm    | 1            |
| Terminals screw                     |       | Screw        |

Conductor section

AWG/kcmil conductor section

max 14

IEC

max mm<sup>2</sup> 1 or 2 / 2.5

|                  |  |          |
|------------------|--|----------|
| Mounting adapter |  | LPXAU120 |
|------------------|--|----------|

|        |   |    |
|--------|---|----|
| Weight | g | 11 |
|--------|---|----|

### Ambient conditions

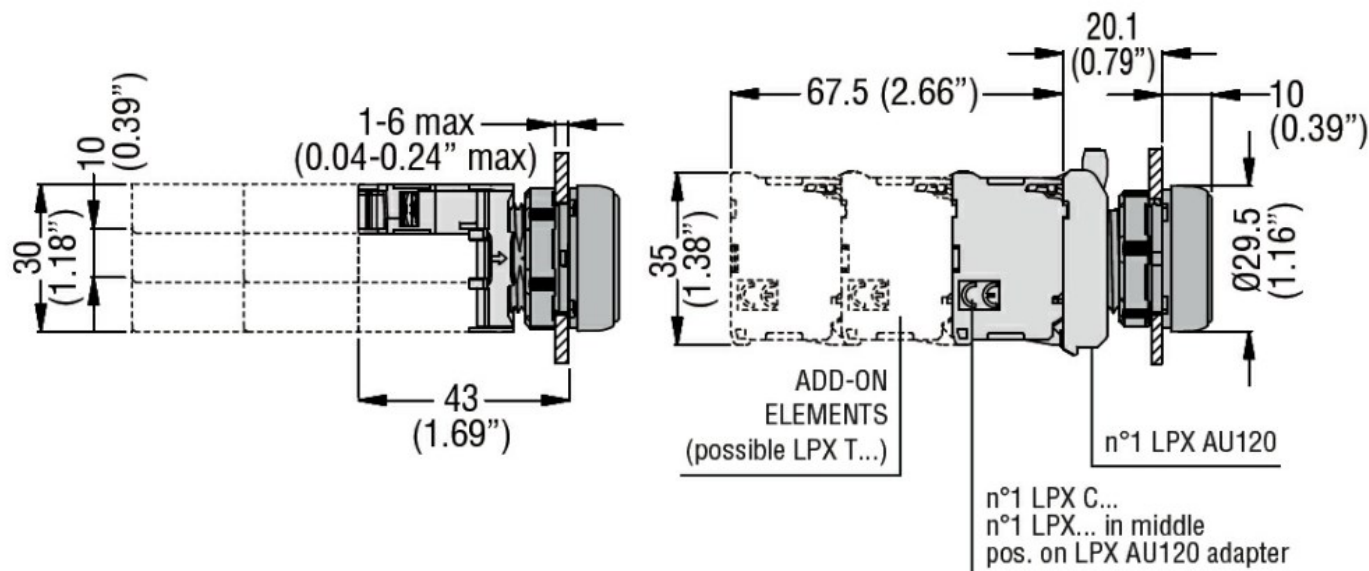
Temperature

Operating temperature

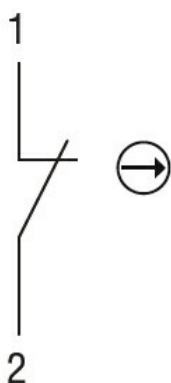
min °C -25

|                     |     |    |     |
|---------------------|-----|----|-----|
|                     | max | °C | +70 |
| Storage temperature | min | °C | -40 |
|                     | max | °C | +85 |

## Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

CSA C22.2 n° 14  
IEC/EN/BS 60947-1  
IEC/EN/BS 60947-5-1  
UL508

### Certificates

CCC  
cULus  
EAC  
RINA  
UL

## ETIM classification

ETIM 8.0

EC000041 -  
Auxiliary contact  
block