



### General characteristics

|                          |                            |
|--------------------------|----------------------------|
| Colour                   | Black                      |
| Type of positions        | 0 - 1, key extraction in 0 |
| IEC degree of protection | IP66, IP67 and IP69K       |

### Electrical characteristics

|                                                                          |   |           |
|--------------------------------------------------------------------------|---|-----------|
| Rated insulation voltage $U_i$ IEC/EN                                    | V | 690       |
| IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$ | 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 |
|--------------------|----|-----|

### Mechanical features

|                 |        |         |
|-----------------|--------|---------|
| Mechanical life | cycles | 1000000 |
| Terminals screw |        | Screw   |

#### Conductor section

IEC

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

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

### UL technical data

|                         |                              |
|-------------------------|------------------------------|
| UL degree of protection | Type1, 2, 3R, 4, 4X, 12, 12K |
|-------------------------|------------------------------|

### Ambient conditions

#### Temperature

Operating temperature

|     |    |     |
|-----|----|-----|
| min | °C | -25 |
| max | °C | +70 |

Storage temperature

|     |    |     |
|-----|----|-----|
| min | °C | -40 |
| max | °C | +85 |

## 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