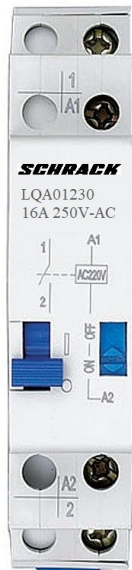


■ Datasheet: Impulse relay, 1-pole, 16A, Series AMPARO



■ SCHRACK-INFO

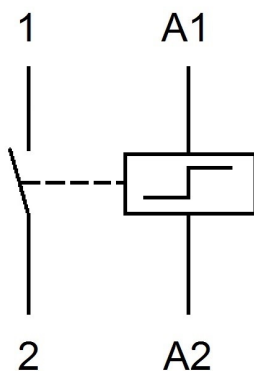
- Mechanical bistable pulse relay
- Button for manual switching
- Pulse relay features a low power consumption
- Cadmium-free contacts
- For DIN rail EN 50022

■ Technical datas

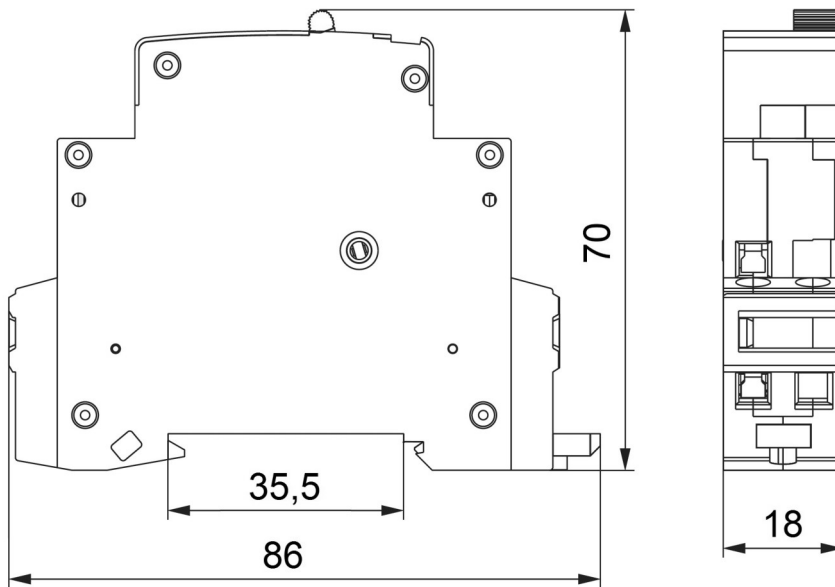
|                            |                 |
|----------------------------|-----------------|
| Standard                   | EN 61810-1:2015 |
| Rated Current              | 16 A            |
| Contact form               | 1 pole          |
| Initial contact resistance | 100 mOhm        |
| Contact material           | Silver alloy    |

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| Contact load (resistive)          | 16 A                                 |
| Max. switching voltage            | 250 VAC / 28 VDC                     |
| Voltage range                     | 85% - 110%                           |
| Max. switching current            | 16 A                                 |
| Coil resistance                   | 2185 Ohm $\pm$ 10%                   |
| Operation time                    | $\leq$ 20 ms                         |
| Pulse voltage duration            | $\geq$ 50 ms (200 ms is recommended) |
| Insulation resistance             | 100 M Ohm (500VDC)                   |
| Dielectric strength               | between contact and coil: 4000 VDC   |
|                                   | between open contacts: 1500 VDC      |
| Shock (resistance)                | acceleration: 100 m/s <sup>2</sup>   |
|                                   | pulse duration: 11 ms                |
| Vibration                         | 1 mm double amplitude, 10 - 55 Hz    |
| Electrical life (times)           | 1 x 10 <sup>5</sup>                  |
| Mechanical life (times)           | 1 x 10 <sup>6</sup>                  |
| Temperature range                 | - 25°C up to + 55°C                  |
| Polution degree                   | 1                                    |
| Environmental protection category | Dustproof type                       |
| Overvoltage category              | II                                   |
| Mounting type                     | DIN-rail type                        |
| Monting position                  | any                                  |

 Connection diagram



**▀** Dimensions



**▀** Articles

| Description                                | Art. No.   |
|--------------------------------------------|------------|
| Remote switch, series Amparo, 1 NO, 230VAC | LQA01230-- |