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# SLI INPUT RELAYS FOR MA LOADS AC CONTROL

SLI25CR
I/P Plug-in Relay 24V ac




- AC control / DC load
- Galvanic isloation 4kV, 8mm creep distance
- Effective interference elimination
- Compatible with both NPN and PNP logic
- LED indication

### PRODUCT DESCRIPTION

The relays are used as an interface between AC sensors and control systems. The integrated interference protection provides reliable operation even in very demanding electrical environments. Thanks to interference protection, signal cables can be run alongside power cables on, for example, cable racks for more than 1.5 km without capacitive cross-talk affecting relays. The relays have no mechanical parts, which provides very reliable application. The CRP models are especially designed for connecting to 2-wire sensors that generate leakage current. The CRP relays are blind to leakage currents up to 3.5 mA.

# TECHNICAL DATA

## INPUT DATA

| | |
|---|---|
| **Input current max** | 15 mA |
| **Response time** | 20 ms |
| **Release time** | 60 ms |
| **Switching voltage** | 16 V |
| **Turn-off voltage** | 14 V |
| **Input impedance, typ** | 4 kΩ |
| **Input voltage nom** | 24 |

## OUTPUT DATA

| | |
|---|---|
| **Number of poles** | 1 |
| **Load current** | 50 mA |
| **Load voltage dc max** | 60 V |
| **Voltage drop over semiconductor at max** | 0.4 V |

| | |
|---|---|
| **Voltage drop** | 0.2 V |

## GENERAL DATA

| | |
|---|---|
| **Width** | 12.5 mm |
| **Temperature operational min** | -40 °C |
| **Temperature operational max** | 70 °C |
| **Storage temperature min** | -40 °C |
| **Storage temperature max** | 70 °C |
| **Weight** | 40 g |
| **Approvals** | CE, UL |










