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SLI INPUT RELAYS FOR MA LOADS AC CONTROL

SLI230CRP
I/P Plug-in Relay 230V ac 2-wire Proxy



- 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 at nominal voltage, typ	6.5 mA
Input current at nominal voltage, max	7.5 mA
Response time	40 ms
Release time	40 ms
Input voltage ac min	190 V AC
Input voltage ac max	265 V AC
Switching voltage	140 V
Turn-off voltage	120 V
Input impedance, typ	35 kΩ
Input voltage nom	230

OUTPUT DATA

Number of poles	1

Load current	50 mA
Leakage current	1 µA
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







