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SLI INPUT RELAY FOR MA LOADS DC CONTROL

SLI12CR
I/P Plug-in Relay 12V dc



- DC control / DC load
- Galvanic isolation 4 kV, 8 mm creep distance
- Effective interference elimination
- Compatible with NPNand PNP logic
- LED indication

PRODUCT DESCRIPTION

The relays are used as an interface between DC 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. If high frequencies occur from sensors for counting inputs, for example, we recommend SLI24CRF.

TECHNICAL DATA

INPUT DATA

Input current at nominal voltage, typ	6.5 mA
Input current at nominal voltage, max	7.5 mA
Response time	0.3 ms
Release time	0.3 ms
Input voltage dc min	9 V DC
Input voltage dc max	18 V DC
Switching voltage	7.5 V
Turn-off voltage	6 V
Input impedance, typ	1.8 kΩ
Input voltage nom	12

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
Colour	White
Weight	40 g
Approvals	CE, UL











