

## 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 NPN and 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

Turn-off voltage	6 V
Input impedance, typ	1,8 kΩ
Input voltage dc max	18 V DC
Release time	0,3 ms
Input current at nominal voltage, typ	6,5 mA
Response time	0,3 ms
Switching voltage	7,5 V
Input current at nominal voltage, max	7,5 mA
Input voltage nom	12
Input voltage dc min	9 V DC

### OUTPUT DATA

Leakage current	1 μA
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Number of poles	1
Voltage drop	0,2 V
Load voltage dc max	60 V
Voltage drop over semiconductor at max	0,4 V
Load current	50 mA

## GENERAL DATA

Colour	White
Storage temperature min	-40 °C
Temperature operational max	70 °C
Weight	40 g
Width	12,5 mm
Storage temperature max	70 °C
Temperature operational min	-40 °C
Approvals	CE, UL

