DELCON

SLI INPUT RELAY FOR MA LOADS

SLI25CR
AC INPUT RELAY 24VAC>0-60VDC

- 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.

AC input module

Ambient temperature is defined as the temperature in direct proximity to the relays.
The surface temperature of the relay (measured at the middle of the relay's top surface)
must be kept under 70-75°C for a long lifetime. Each 10°C increase halves the lifetime of the relay.

Ambient temperature	Applies to	Limitations
-25°C to +40°C	All input relays	None
+40°C to +55°C	120 V ac and 230 V ac relays	Only every other module should be constantly activated when the relays are mounted beside one another
+55°C to +70°C	Relays with voltages from 48-230 V ac	If the modules are in the activated state the majority of the time, the modules must be 12.5 mm apart. On a mounting base, every other position must be empty

SPECIFICATIONS

Approvals	CE, UL
Input	4 kΩ
Input Voltage Nom	24

Load Current	50 mA
Load Voltage DC max	60 V
Number of poles	1
Power Consumption max	15 mA
Release Time	60 ms
Response Time	20 ms
Switching Voltage	16 V
Temperature range bearing, from	-40 °C
Temperature range bearing, to	70 °C
Temperature range from	-40 °C
Temperature range to	70 °C
Tripping voltage	14 V
Weight	40 g
Width	12,5 mm
Voltage Drop	0,2 V
Voltage Drop Over The Semi-Conductor at Imax	0,4 V