

SLO OUTPUT RELAYS FOR A LOADS

SLO5CR

O/P Plug-in Relay 5V dc / 0-60V dc 3A

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



PRODUCT DESCRIPTION

The relays are used as interfaces between control systems and DC loads. The relays handle inductive loads and high DC voltages with low load reduction compared to mechanical relays, which provide a long lifetime. If a diode is mounted across a load, such as 1N4007, the nominal current applies, even with high inductive loads. (Keep in mind that the drop-out time increases when mounting a diode.) The relays have no mechanical parts, which means very reliable application. 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.

TECHNICAL DATA

INPUT DATA

Turn-off voltage	2,5 V
Control voltage dc min	3 V
Input impedance, typ	0,42 k Ω
Release time	0,3 ms
Input current at nominal voltage, typ	12 mA
Response time	0,3 ms
Switching voltage	2,7 V
Input current at nominal voltage, max	15 mA
Control voltage dc max	7 V
Input voltage nom	5

OUTPUT DATA

Peak current	15 A (10ms) A
Load current	3 A
Number of poles	1
Voltage drop	0,5 V
Load voltage dc max	60 V

GENERAL DATA

Colour	Red
Storage temperature min	-40 °C
Material	PBT
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

