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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

Input current at nominal voltage, typ	12 mA
Input current at nominal voltage, max	15 mA
Response time	0.3 ms
Release time	0.3 ms
Control voltage dc min	3 V
Control voltage dc max	7 V
Switching voltage	2.7 V
Turn-off voltage	2.5 V
Input impedance, typ	0.42 kΩ
Input voltage nom	5

OUTPUT DATA

Number of poles	1
Load current	3 A
2421_Peak current (A)	15 A (10ms)
Load voltage dc max	60 V
Voltage drop	0.5 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	Red
Material	PBT
Weight	40 g
Approvals	CE, UL





