


ST-OV3- 5DC/220DC/1

Order No.: 2903312

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Pluggable power optocoupler, with light indicator and protection circuits in the input and output circuits, input: 5 V DC, output: 15-220 V DC/max. 1 A, can be plugged on basic termination blocks

Commercial data	
GTIN (EAN)	 4 017918 079048
Note	Made-to-order
sales group	G101
Pack	10 pcs.
Customs tariff	85364190
Catalog page information	Page 90 (IF-2002)

Product notesWEEE/RoHS-compliant since:
01/02/2006

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Technical data

Input data

Nominal input voltage U_N	5 V DC ± 20 %
Switching threshold "0" signal, voltage	≤ 2.2 V
Switching threshold "1" signal voltage	≥ 3.4 V
Typical input current at U_N	4 mA
Typical response time	25 μ s
Typical turn-off time	1 ms
Transmission frequency	100 Hz

Output data

Output nominal voltage range	15 V DC ... 220 V DC
Limiting continuous current	1 A (see derating curve)
Surge current	2 A (t = 1 s)
Peak offstate voltage	220 V DC (Collector-emitter reverse voltage)
Voltage drop at max. limiting continuous current	1.2 V
Output circuit	2-wire, floating
Type of protection	Protection against polarity reversal
	Surge protection
Protective circuit/component	Polarity protection diode

General data

Width	20.8 mm
Height	33 mm
Depth	66.5 mm
Test voltage input/output	2.5 kV AC
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Mounting position	Any
Standards/regulations	DIN VDE 0110

Certificates / Approvals

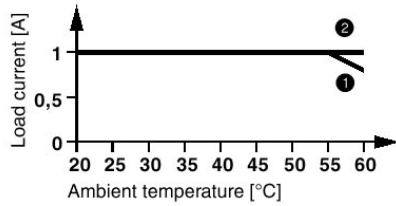


Certification

GOST

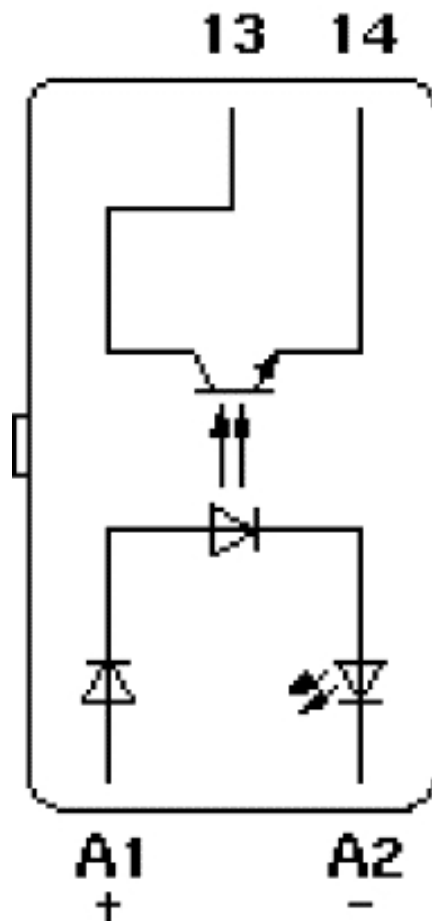
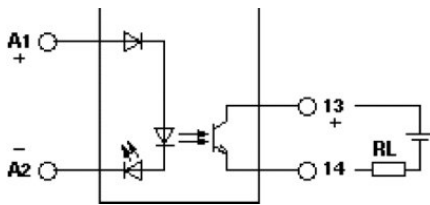
Diagrams/Drawings

Diagram



- ① mounted in rows with zero spacing.
- ② power optocouplers mounted in rows, ≥ 20 mm.

Circuit diagram



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