


## ST-OV3- 60DC/220DC/1

Order No.: 2903192

The illustration shows version ST-OV 3- 5 DC/220 DC/1

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2903192>

Pluggable power optocoupler, with light indicator and protection circuits in the input and output circuits, input: 48 - 60 V DC, output: 15-220 V DC/max. 1 A, can be plugged on basic termination blocks

Commercial data	
GTIN (EAN)	 4 017918 078980
Note	Made-to-order
sales group	G101
Pack	10 pcs.
Customs tariff	85364190
Catalog page information	Page 90 (IF-2002)

**Product notes**WEEE/RoHS-compliant since:  
01/02/2006

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## Technical data

### Input data

Nominal input voltage $U_N$	60 V DC +20% -36%
Switching threshold "0" signal, voltage	$\leq 6.4$ V
Switching threshold "1" signal voltage	$\geq 11$ V
Typical input current at $U_N$	6 mA
Typical response time	25 $\mu$ 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

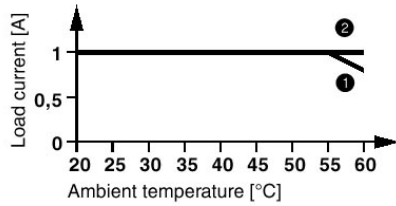


Certification

GOST

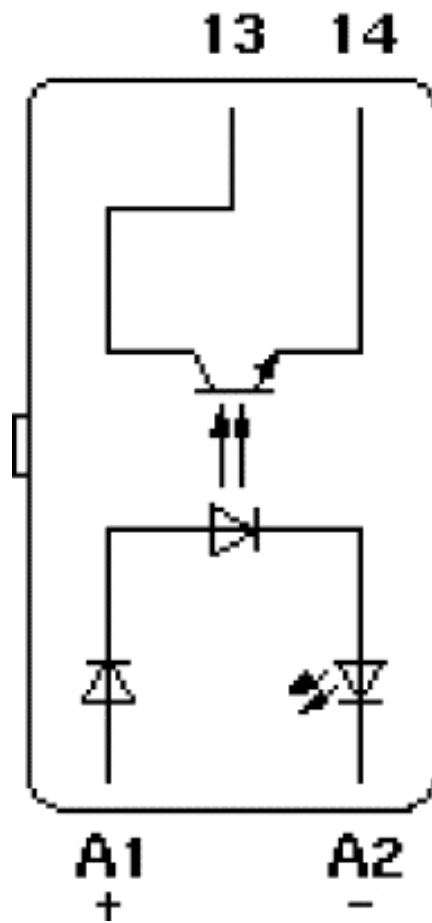
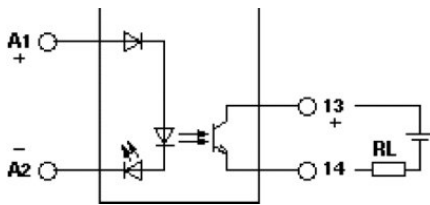
## Diagrams/Drawings

### Diagram



- ① mounted in rows with zero spacing.
- ② power optocouplers mounted in rows,  $\geq 20$  mm.

### Circuit diagram



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