



Extract from the online
catalog

EMG 17-OV- 12DC/ 60DC/3

Order No.: 2954141

The illustration shows version EMG 17-OV, with DC voltage output, max. 3 A



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2954141>

Power optocoupler, with light indicator and protection circuits in the
input and output circuits, input: 12 V DC, output: 12-60 V DC/ max. 3 A

Commercial data

EAN	4017918084806
Pack	10 pcs.
Customs tariff	85364190
Weight/Piece	0.08709 KG
Catalog page information	Page 130 (IF-2009)

[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
Please note that the data given
here has been taken from the
online catalog. For comprehensive
information and data, please refer
to the user documentation. The
General Terms and Conditions of
Use apply to Internet downloads.

Technical data

Input data

Nominal input voltage U_N	12 V DC $\pm 20\%$
Switching threshold "0" signal in reference to U_N	≤ 0.4
Switching threshold "1" signal in reference to U_N	≥ 0.8
Typical input current at U_N	7 mA
Typical response time	20 μ s
Typical turn-off time	200 μ s
Status display	Yellow LED
Name of protection	Polarity protection
	Surge protection
Protective circuit/component	Polarity protection diode

EMG 17-OV- 12DC/ 60DC/3 Order No.: 2954141
http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2954141

Transmission frequency	500 Hz
Output data	
Output nominal voltage	60 V DC
Output nominal voltage range	12 V DC ... 60 V DC
Limiting continuous current	3 A
Peak offstate voltage	60 V DC
Voltage drop at max. limiting continuous current	1.2 V
Output circuit	2-conductor floating
Name of protection	Polarity protection
	Surge protection
Protective circuit/component	Polarity protection diode
Connection data	
Type of connection	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
General data	
Width	17.5 mm
Height	102 mm
Depth	75 mm
Test voltage input/output	3.5 kV AC
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Mounting position	Any
Assembly instructions	In rows with zero spacing
Operating mode	100% operating factor
Degree of protection	IP20
Inflammability class in acc. with UL 94 (housing)	V0

EMG 17-OV- 12DC/ 60DC/3 Order No.: 2954141
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2954141>

Standards/regulations	DIN VDE 0110
	DIN VDE 0106-101

Certificates / Approvals

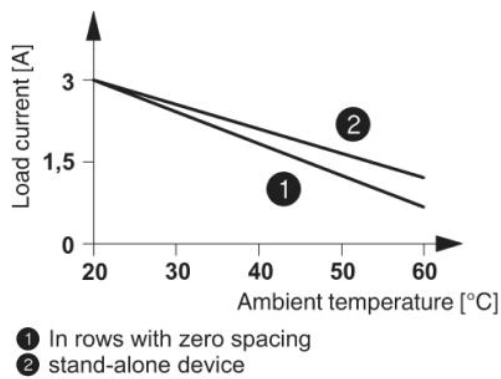


Certification

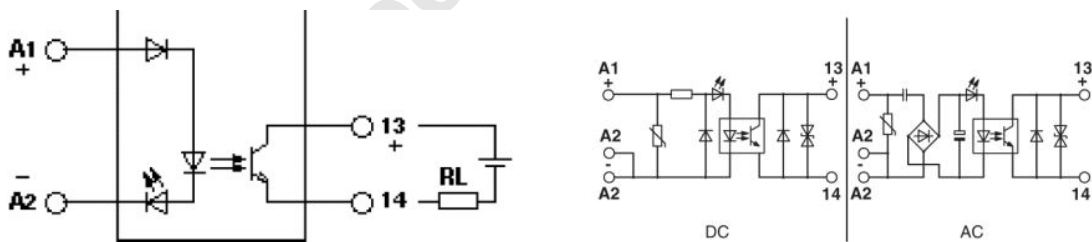
GOST

Drawings

Diagram



Circuit diagram



EMG 17-OV- 12DC/ 60DC/3 Order No.: 2954141
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2954141>

Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



© 2009 Phoenix Contact
Technical modifications reserved;

onlinecomponents.com