

ELR 1-24DC/600AC-30

Order No.: 2297154



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2297154>

1-phase electronic load relay, input voltage: 24 V AC, output current:
30 A



[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.

Commercial data

EAN	4046356132039
Pack	1 Pcs.
Customs tariff	85364900
Weight/Piece	0.2551 KG
Catalog page information	Page 147 (IF-2007)

Technical data

Input data

Input voltage range	4 V DC ... 32 V DC
Typical input current at U_N	Approx. 12 mA
Switching threshold "0" signal, voltage	≤ 1 V DC
Switching threshold "1" signal voltage	≥ 4 V DC
Transmission frequency	25 Hz
Operating voltage display	LED green

Output data, load relay

Nominal output voltage range	42 V AC ... 660 V AC (45/65 Hz)
Periodic peak reverse voltage	1200 V
Mains frequency	45 Hz
	65 Hz

Load current	30 A (see derating curve)
Leakage current	< 3 mA (In off state)
Residual voltage	< 1.6 V
Surge current	400 A (t = 10 ms)
Max. load value	1800 A ² s
Name of protection	RCV circuit
Protective circuit/component	RCV circuit

General data

Length	103 mm
Width	22.5 mm
Height	103 mm
Test voltage input/output	4 kV _{rms}
Ambient temperature (operation)	-30 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 70 °C
Mounting position	Vertical (horizontal DIN rail)
Assembly instructions	Can be aligned with ≥ 22.5 mm spacing
Name	Air and creepage distances between the power circuits
Standards/regulations	EN 61000-4-2
	EN 61000-4-3
	EN 61000-4-4
	EN 61000-4-5
	EN 61000-4-6
	EN 55011
Rated surge voltage / insulation	Basic insulation

Certificates / Approvals

Approval logo

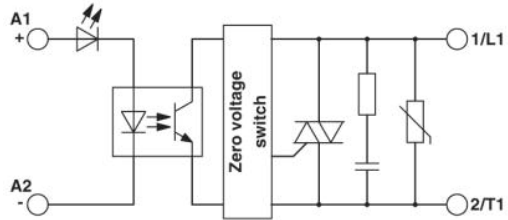


requested approbations

Certification	CUL, UL
---------------	---------

Drawings

Block diagram



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



© 2008 Phoenix Contact
Technical modifications reserved;