

ELR 1/35-600

This product has been replaced by a newer version.

Order No.: 2964681



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1-phase electronic load relay, input: 4 - 32 V DC, output: 48 - 660 V
AC/ 35 A

Commercial data

EAN	4017918147624
Pack	1 pcs.
Customs tariff	85371099
Weight/Piece	0.52942 KG
Catalog page information	Page 140 (IF-2005)

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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

Input name	Device supply
Nominal supply voltage	24 V DC
Input voltage range in reference to U_N	0.2 ... 1.3
Typical input current at U_N	8 mA
Switching threshold "0" signal in reference to U_N	< 0.04
Switching threshold "1" signal in reference to U_N	> 0.2

Transmission frequency	30 Hz
Typical response time	10 ms
Typical turn-off time	10 ms
Status display	LED green

Output data, load relay

Output name	AC output
Nominal output voltage	600 V AC
Nominal output voltage range	48 V AC ... 660 V AC
Periodic peak reverse voltage	1200 V (Periodic peak reverse voltage)
Mains frequency	50 Hz 60 Hz
Continuous load current	35 A (see derating curve)
Load current	Min. 100 mA
Leakage current	8 mA
Residual voltage	1.6 V
Surge current	750 A (t = 8.33 ms, at 25 °C)
Max. load value	1200 A ² s
Name of protection	RC element
Protective circuit/component	RC element
Name of protection	Surge protection

Connection data

Type of connection	Screw connection
Stripping length	8 mm
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 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	14
Screw thread	M3

General data

Width	45 mm
Height	105 mm
Depth	98 mm

Test voltage input/output	4 kV
Ambient temperature (operation)	-20 °C ... 80 °C
Mounting position	Panel mounting on horizontal DIN rail
Assembly instructions	Can be aligned with > 40 mm spacing
Operating mode	100% operating factor
Name	EMC regulations
Standards/regulations	EN 61000-4-4
	EN 61000-4-5

Certificates / Approvals

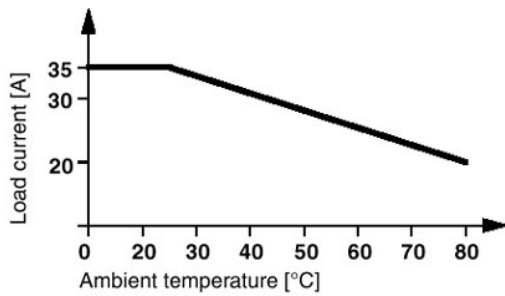


Certification

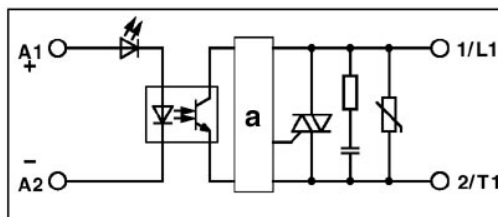
CUL, GOST, UL

Drawings

Diagram



Circuit diagram



a = zero voltage switch

Address

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