



Extract from the online catalog

ST-REL2-KG230AC/1

Order No.: 2826525

The illustration shows version ST-REL 2-KG 24/1



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2826525>

Relay connector, fitted with miniature switching relay, contacts (AgNi):
Medium to large loads, 1 N/O contact, 230 V AC input voltage, with
light indicator, can be plugged into basic terminal blocks

Commercial data	
GTIN (EAN)	4017918077990
sales group	G011
Pack	10 pcs.
Customs tariff	85364900
Weight/Piece	0.03505 KG
Catalog page information	Page 87 (IF-2005)

Product notes

WEEE/RoHS-compliant since:
04/21/2006



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Technical data	
Coil side	
Nominal input voltage U_N	230 V AC
Input voltage range in reference to U_N	0.8 ... 1.06
Nominal input current at U_{IN}	5 mA
Typical response time	4 ms ... 10 ms (with AC)
Typical release time range	4 ms ... 10 ms (with AC)
Operating voltage display	Yes
Protective circuit/component	Bridge rectifier, varistor
Contact side	
Contact type	Single contact, 1 N/O contact
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Maximum inrush current	8 A
Limiting continuous current	6 A
Interrupting rating (ohmic load) max.	95 W (for 24 V DC)
	50 W (for 48 V DC)
	45 W (for 60 V DC)
	45 W (for 110 V DC)
	75 W (for 220 V DC)
	1500 VA (for 250 V AC)
General data	
Width	14.6 mm
Height	66.5 mm
Depth	33 mm
Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min)
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Operating mode	100% operating factor
Service life mechanical	Approx. 2×10^7 cycles

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Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC
	IEC 60255/DIN VDE 0435 (in relevant parts)
	DIN EN 50178/DIN VDE 0160 (in relevant parts)
	EN 60730/DIN VDE 0631
	DIN VDE 0160 (in relevant parts)

Certificates / Approvals



Certification

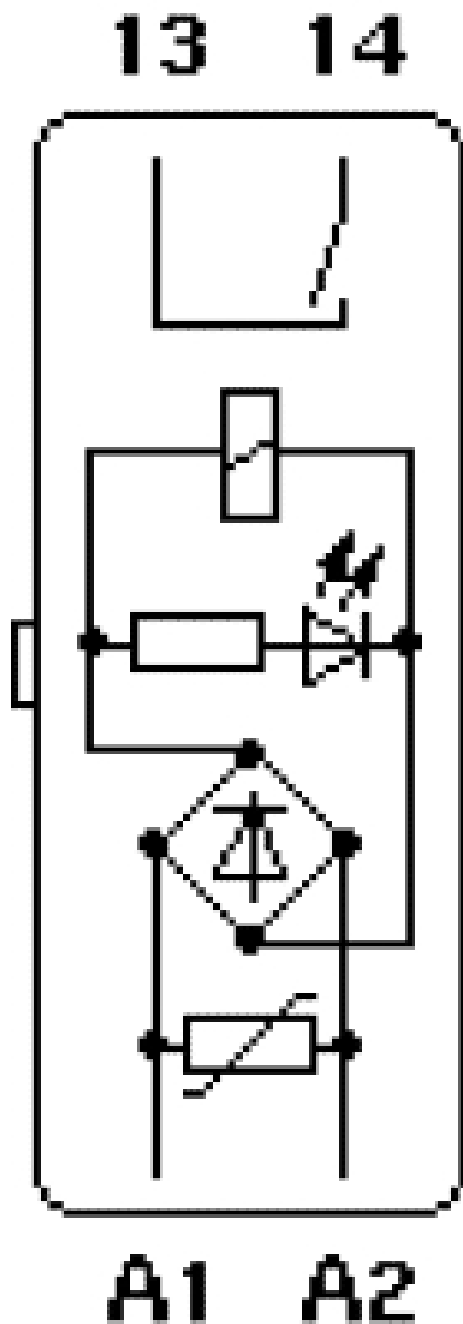
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Diagrams/Drawings

Circuit diagram



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Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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