

ST-REL2-KG120/2AU

Order No.: 2823803

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

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2823803>

Relay connector, equipped with miniature switching relay, contacts (AgPd60): small loads, 1 N/C contact, input voltage 120 V AC/DC, with light indicator, can be plugged on basic termination blocks

| Commercial data | |
|--------------------------|-------------------|
| GTIN (EAN) | 4017918077617 |
| Note | Made-to-order |
| sales group | G010 |
| Pack | 10 pcs. |
| Customs tariff | 85364900 |
| Weight/Piece | 0.038084 KG |
| Catalog page information | Page 87 (IF-2005) |

Product notesWEEE/RoHS-compliant since:
01/25/2007

<http://www.download.phoenixcontact.com>
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Technical data

Coil side

| | |
|-------------------------------------------|----------------------------|
| Nominal input voltage U_N | 120 V AC/DC |
| Input voltage range in reference to U_N | 0.8 ... 1.06 |
| Nominal input current at U_{IN} | 5 mA |
| Typical response time | 7 ms (with DC) |
| Typical release time | 11 ms (with DC) |
| Operating voltage display | Yes |
| Protective circuit/component | Bridge rectifier, varistor |

Contact side

| | |
|---------------------------------------|-------------------------------------------------------------------------|
| Contact type | Double contact, 1 N/C contact |
| Contact material | Silver palladium (AgPd60), 5 µm hard gold-plated |
| Maximum switching voltage | 30 V AC |
| | 36 V DC |
| Maximum inrush current | 0.2 A |
| Limiting continuous current | 0.5 A |
| Interrupting rating (ohmic load) max. | 5 W (for 24 V DC) |
| Note | the following values are applicable if a gold layer is destroyed |
| Maximum switching voltage | 125 V AC |
| Limiting continuous current | 2 A |
| Maximum inrush current | 2 A |
| Interrupting rating (ohmic load) max. | 29 W (for 24 V DC) |
| | 29 W (for 48 V DC) |
| | 29 W (for 60 V DC) |

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 |

| | |
|-----------------------|-----------------------------------------------|
| 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



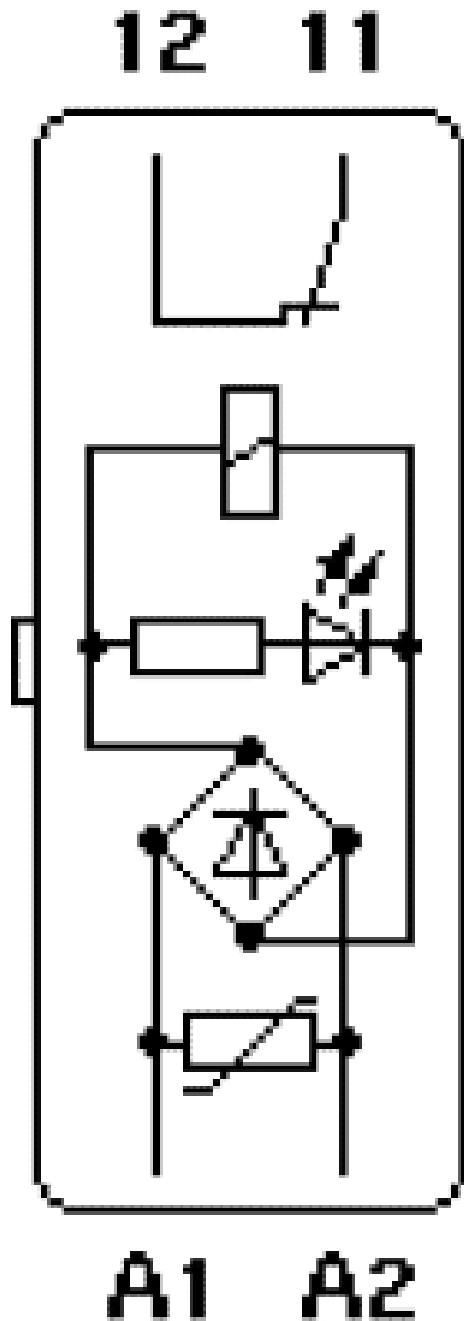
Certification GOST

Additional products

| Item | Designation | Description |
|----------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General | | |
| 2777030 | UDK-RELG 2 | Basic termination blocks with test connection on both sides and double connections with the same potential for NS 32 and NS 35/7,5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 2-pos. |
| 2820262 | URELG 2 | Basic termination blocks with screw connection for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 2-pos. |
| 2820835 | URELG 2-PMTK | Basic termination blocks with test connection on both sides and knife disconnection for NS 32 and NS 35/7,5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 2-pos. |
| 2829904 | ZFK-RELG 2 | Basic termination blocks with spring-cage connection for NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 2-pos. |

Diagrams/Drawings

Circuit diagram



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