


PLC-RSC-125DC/21AU

Order No.: 2980034



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PLC relay, consisting of basic terminal block PLC-BSC.../21 with screw connection and pluggable miniature relay with multi-layer contact, for assembly on DIN rail NS 35/7.5, 1 PDT, input voltage 125 V DC

| Commercial data | |
|-----------------|--|
| GTIN (EAN) |  4 017918 608439 |
| sales group | G220 |
| Pack | 10 pcs. |
| Customs tariff | 85364900 |

Product notes

WEEE/RoHS-compliant since:
01/23/2006



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Technical data

| Coil side | |
|-----------------------------|-----------------------|
| Nominal input voltage U_N | 125 V DC |
| Contact side | |
| Contact type | Single contact, 1-PDT |

| | |
|---------------------------|---|
| Maximum switching voltage | 30 V AC |
| | 36 V DC |
| Minimum switching voltage | 100 mV (at 10 mA) |
| Min. switching current | (at 24 V) |
| Note | the following values are applicable if a gold layer is destroyed |
| Maximum switching voltage | 250 V AC/DC |
| Minimum switching voltage | 5 V (at 100 mA) |
| Min. switching current | 10 mA (at 12 V) |

General data

| | |
|--|---|
| Width | 6.2 mm |
| Height | 80 mm |
| Depth | 94 mm |
| Test voltage relay winding/relay contact | 4 kV AC (50 Hz, 1 min.) |
| Ambient temperature (operation) | -25 °C ... 60 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Operating mode | 100% operating factor |
| Mechanical service life | Approx. 10 ⁷ cycles |
| Inflammability class acc. to UL 94 | V0 |
| Name | Standards/regulations |
| Standards/regulations | IEC 60664 |
| | IEC 60664 A |
| | DIN VDE 0110 |
| | DIN EN 50178/DIN VDE 0160 (in relevant parts) |
| | IEC 60255/DIN VDE 0435 (in relevant parts) |
| | DIN EN 50178/VDE 0160 |
| Mounting position | Any |
| Assembly instructions | In rows with zero spacing |

Connection data

| | |
|--|----------------------|
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |

| | |
|---------------------------------------|------|
| Conductor cross section AWG/kcmil max | 14 |
| Stripping length | 8 mm |
| Screw thread | M3 |

Certificates / Approvals



Certification CUL, GL, GOST, UL

Accessories

| Item | Designation | Description |
|-----------------|------------------------------|--|
| Assembly | | |
| 0801762 | NS 35/ 7,5 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m |
| 0801733 | NS 35/ 7,5 PERF 2000MM | DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm |
| 0801681 | NS 35/ 7,5 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m |
| 0801377 | NS 35/ 7,5 V2A UNPERF 2000MM | DIN rail, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver |
| 1201756 | NS 35/15 AL UNPERF 2000MM | DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm |
| 1201895 | NS 35/15 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m |
| 1201730 | NS 35/15 PERF 2000MM | DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm |
| 1201714 | NS 35/15 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m |
| 1201798 | NS 35/15-2,3 UNPERF 2000MM | DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m |
| 2966841 | PLC-ATP BK | Separating plate, 2 mm thick, required at the start and end of a PLC terminal strip. Furthermore, it is used for: visual separation of groups, safe isolation of different voltages of neighboring PLC relays in acc. with DIN VDE 0106-101, isolation |

Bridges

| | | |
|---------|-----------------|--|
| 2966812 | FBST 6-PLC BU | Single plug-in bridge, Length: 6 mm, Number of positions: 2, Color: blue |
| 2966825 | FBST 6-PLC GY | Single plug-in bridge, Length: 6 mm, Number of positions: 2, Color: gray |
| 2966236 | FBST 6-PLC RD | Single plug-in bridge, Length: 6 mm, Number of positions: 2, Color: red |
| 2967688 | FBST 8-PLC GY | Single plug-in bridge, Length: 8 mm, Number of positions: 2, Color: gray |
| 2967691 | FBST 14-PLC BK | Single plug-in bridge, Length: 14 mm, Number of positions: 2, Color: black |
| 2966692 | FBST 500-PLC BU | Continuous plug-in bridge, Length: 500 mm, Color: blue |
| 2966838 | FBST 500-PLC GY | Continuous plug-in bridge, Length: 500 mm, Color: gray |
| 2966786 | FBST 500-PLC RD | Continuous plug-in bridge, Length: 500 mm, Color: red |

General

| | | |
|---------|-------------------|---|
| 2980018 | PLC-BSC-125DC/21 | Basic terminal block |
| 2966508 | PLC-ESK GY | Power terminal block, for the input of up to four potentials, for mounting on NS 35/7.5 |
| 2961134 | REL-MR- 60DC/21AU | Pluggable miniature relays, with multi-layer contact, 1 PDT, input voltage 60 V DC |

Marking

| | | |
|---------|------------------------|--|
| 1051016 | ZB 6,LGS:FORTL.ZAHLEN | Zack marker strip, 10-section, printed horizontally: with the numbers 1 - 10, 11 - 20 and so on up to 491 - 500, color: white |
| 5060935 | ZB 6/WH-100:UNBEDRUCKT | Zack strip, unprinted: For individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, for a terminal width of 6.2 mm, color: White |
| 1051003 | ZB 6:UNBEDRUCKT | Zack strip, unprinted, strips with 10 labels for individual labeling with M-PEN or CMS system, for terminal block width: 6.2 mm, color: white |

Tools

| | | |
|---------|---------------|---|
| 1204517 | SZF 1-0,6X3,5 | Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
|---------|---------------|---|

Address

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