

Relay Module - RIF-2-RSC-LV-230AC/4X21/EX - 2909847

Technical data

Connection data

| | |
|---|--|
| Connection name | Input side |
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Conductor cross section solid | 0.5 mm ² ... 4 mm ² |
| Conductor cross-section solid (2 conductors with same cross section) | 0.5 mm ² ... 2.5 mm ² |
| Conductor cross section flexible | 0.5 mm ² ... 4 mm ² |
| | 0.5 mm ² ... 4 mm ² (Ferrule with plastic sleeve) |
| Conductor cross section flexible (2 conductors with same cross section) | 0.5 mm ² ... 2.5 mm ² |
| | 0.5 mm ² ... 1.5 mm ² (TWIN ferrule with plastic sleeve) |
| Conductor cross section AWG | 20 ... 10 (solid) |
| | 20 ... 12 (flexible) |
| Torque | 0.5 Nm ... 0.6 Nm |

Connection data 2

| | |
|---|--|
| Connection name | Contact side |
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Conductor cross section solid | 0.5 mm ² ... 4 mm ² |
| Conductor cross-section solid (2 conductors with same cross section) | 0.5 mm ² ... 2.5 mm ² |
| Conductor cross section flexible | 0.5 mm ² ... 4 mm ² |
| | 0.5 mm ² ... 4 mm ² (Ferrule with plastic sleeve) |
| Conductor cross section flexible (2 conductors with same cross section) | 0.5 mm ² ... 2.5 mm ² |
| | 0.5 mm ² ... 1.5 mm ² (TWIN ferrule with plastic sleeve) |
| Conductor cross section AWG | 20 ... 10 (solid) |
| | 20 ... 12 (flexible) |
| Torque | 0.5 Nm ... 0.6 Nm |

Standards and Regulations

| | |
|--------------------------|---------------------------------------|
| Standards/regulations | DIN EN 50178 |
| Rated insulation voltage | 250 V AC |
| Rated surge voltage | 2.5 kV |
| Insulation | Basic insulation |
| Pollution degree | 2 |
| Overvoltage category | III |
| | II (Zone 2) |
| Designation | Ex zone |
| Standards/regulations | EN/IEC 60079-0 |
| | EN/IEC 60079-7 |
| | EN/IEC 60079-15 |
| ATEX | # II 3G Ex ec nC IIC T4 Gc |
| IECEX | Ex ec nC IIC T4 Gc |
| UL, USA/Canada | Class I, Div. 2, Groups A, B, C, D T4 |

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Technical data

Standards and Regulations

| | |
|--|----------------------------|
| | Class I, Zone 2, Group IIC |
|--|----------------------------|

Conformance/approvals

| | |
|----------------|---------------------------------------|
| Designation | ATEX |
| Identification | # II 3G Ex ec nC IIC T4 Gc |
| Certificate | IBExU17ATEXB014X |
| Designation | IECEX |
| Identification | Ex ec nC IIC T4 Gc |
| Certificate | IECEX IBE 17.0032X |
| Designation | UL, USA/Canada |
| Identification | Class I, Div. 2, Groups A, B, C, D T4 |
| | Class I, Zone 2, Group IIC |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings