

Relay Module - RIF-1-RPT-LV-230AC/2X21 - 2903331

Technical data

Connection data output side

| | |
|----------------------------------|--|
| Conductor cross section solid | 0.14 mm ² ... 1.5 mm ² |
| Conductor cross section flexible | 0.14 mm ² ... 1.5 mm ² (with or without ferrule) |
| Conductor cross section AWG | 26 ... 16 |

General

| | |
|--|---|
| Type of note | Notes on operation |
| Note | FBS 2-6... plug-in bridge for the input side (A2) and FBS-2-8... plug-in bridge for the output side (11/21) |
| Test voltage relay winding/relay contact | 4 kV _{rms} (50 Hz, 1 min.) |
| Test voltage PDT/PDT | 2.5 kV _{rms} (50 Hz, 1 min.) |
| Operating mode | 100% operating factor |
| Degree of protection | IP20 (Relay socket) |
| | RT III (Relay) |
| Mechanical service life | Approx. 10 ⁷ cycles |
| Mounting position | any |
| Assembly instructions | In rows with zero spacing |

Standards and Regulations

| | |
|-----------------------|---|
| Standards/regulations | DIN EN 50178 |
| | IEC 62103 |
| Rated surge voltage | 6 kV |
| Insulation | Safe isolation, basic insulation, and 4 kV rated surge voltage between all changeover contacts. |
| Degree of pollution | 2 |
| Overvoltage category | III |

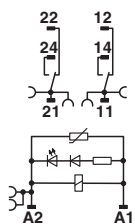
Environmental Product Compliance

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

Drawings

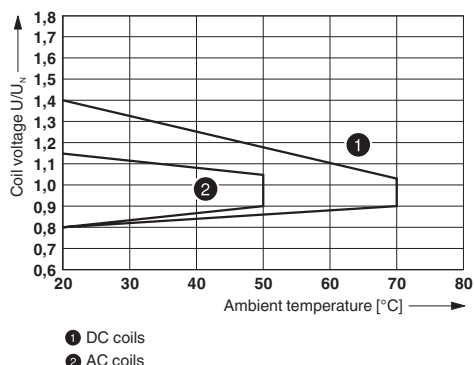
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Circuit diagram



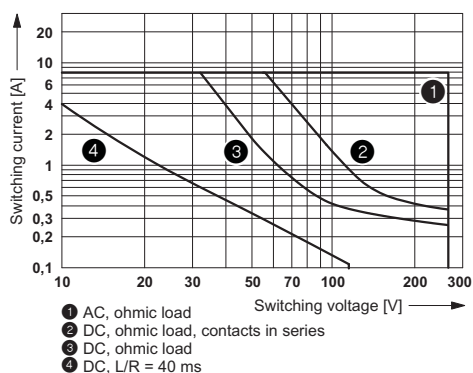
AC coils

Diagram

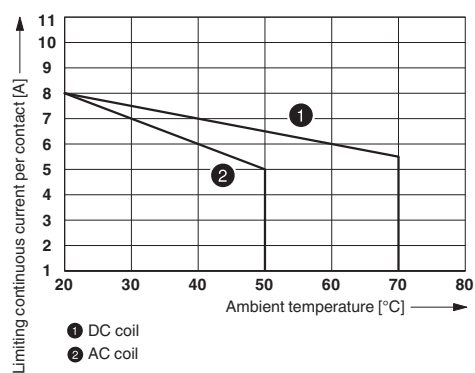


Operating voltage range

Diagram

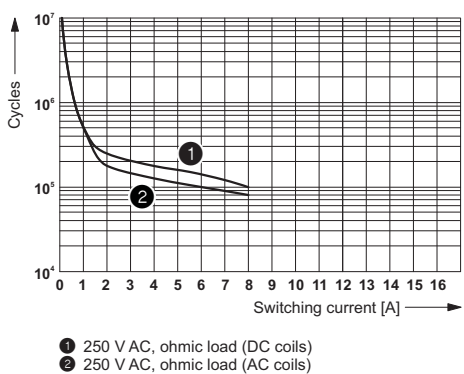


Diagram



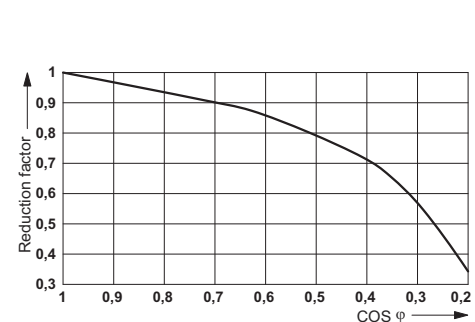
Interrupting rating

Diagram



Contact derating

Diagram



Electrical service life

Service life reduction factor