

# Relay Module - RIF-2-RPT-LV-24AC/4X21 - 2903306

## Technical data

### Connection data output side

|                                  |  |
|----------------------------------|--|
| Stripping length                 | 8 mm   |
| Conductor cross section solid    | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section flexible | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 26 ... 16                                    |

### General

|  |                                       |
|--|---------------------------------------|
| Test voltage relay winding/relay contact | 2.5 kV <sub>rms</sub> (50 Hz, 1 min.) |
| Test voltage relay contact/relay contact | 2 kV <sub>rms</sub> (50 Hz, 1 min.)   |
| Operating mode                           | 100% operating factor                 |
| Degree of protection                     | IP20 (Relay socket)                   |
|  | RT I (Relay)                          |
| Mechanical service life                  | Approx. 2x 10 <sup>7</sup> cycles     |
| Mounting position                        | any                                   |
| Assembly instructions                    | In rows with zero spacing             |

### Standards and Regulations

|                                  |                  |
|----------------------------------|------------------|
| Connection in acc. with standard | CSA              |
| Standards/regulations            | DIN EN 50178     |
|                                  | IEC 62103        |
| Rated insulation voltage         | 250 V AC         |
| Rated surge voltage              | 2.5 kV           |
| Insulation                       | Basic insulation |
| Degree of pollution              | 2                |
| Overvoltage category             | II               |

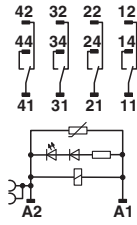
### Environmental Product Compliance

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

## Drawings

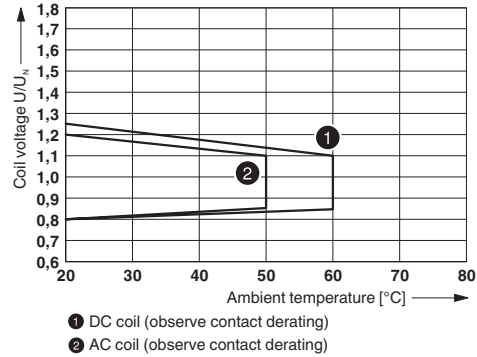
# Relay Module - RIF-2-RPT-LV-24AC/4X21 - 2903306

Circuit diagram



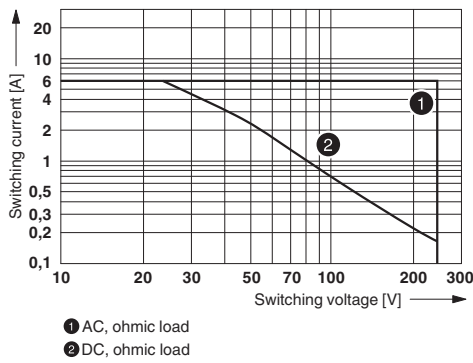
AC coils

Diagram

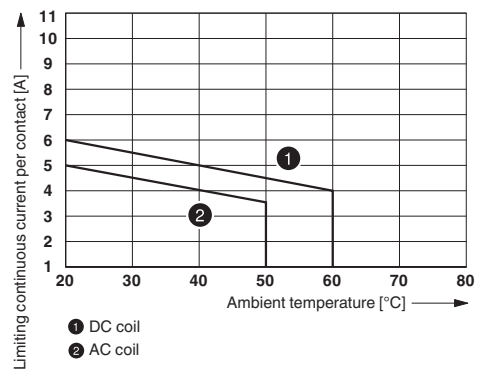


Operating voltage range

Diagram

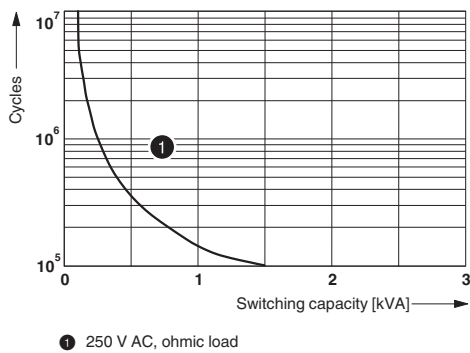


Diagram



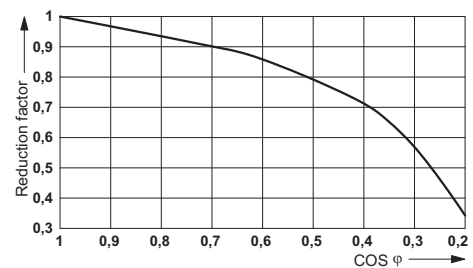
Interrupting rating

Diagram



Contact derating

Diagram



Electrical service life

Service life reduction factor