# Relay Module - PLC-RPT- 48DC/21-21/MS - 2910521

## Technical data

### Connection data

| | |
|---|---|
| | 2x 0.5 mm² ... 1 mm² (TWIN ferrule) |
| Conductor cross section AWG | 26 ... 14 |

### Connection data 2

| | |
|---|---|
| Connection name | Contact side |
| Connection method | Push-in connection |
| Stripping length | 8 mm |
| Conductor cross section solid | 0.14 mm² ... 2.5 mm² |
| Conductor cross section flexible | 0.14 mm² ... 2.5 mm² |
| | 0.2 mm² ... 2.5 mm² (Single ferrule) |
| | 2x 0.5 mm² ... 1 mm² (TWIN ferrule) |
| Conductor cross section AWG | 26 ... 14 |

### Standards and Regulations

| | |
|---|---|
| Designation | Standards/regulations |
| Standards/regulations | EN 50178 |
| Rated insulation voltage | 250 V AC |
| Rated surge voltage | 6 kV |
| Insulation | Safe isolation, reinforced insulation |
| Pollution degree | 2 |
| Overvoltage category | III |
| UL, USA | UL 508 |
| | UL 508 Recognized |
| UL, USA/Canada | cUL 508 |
| | cUL 508 Recognized |

### Conformance/approvals

| | |
|---|---|
| Designation | UL, USA |
| Identification | UL 508 |
| | UL 508 Recognized |
| Designation | UL, USA/Canada |
| Identification | UL 508 |
| | UL 508 Recognized |

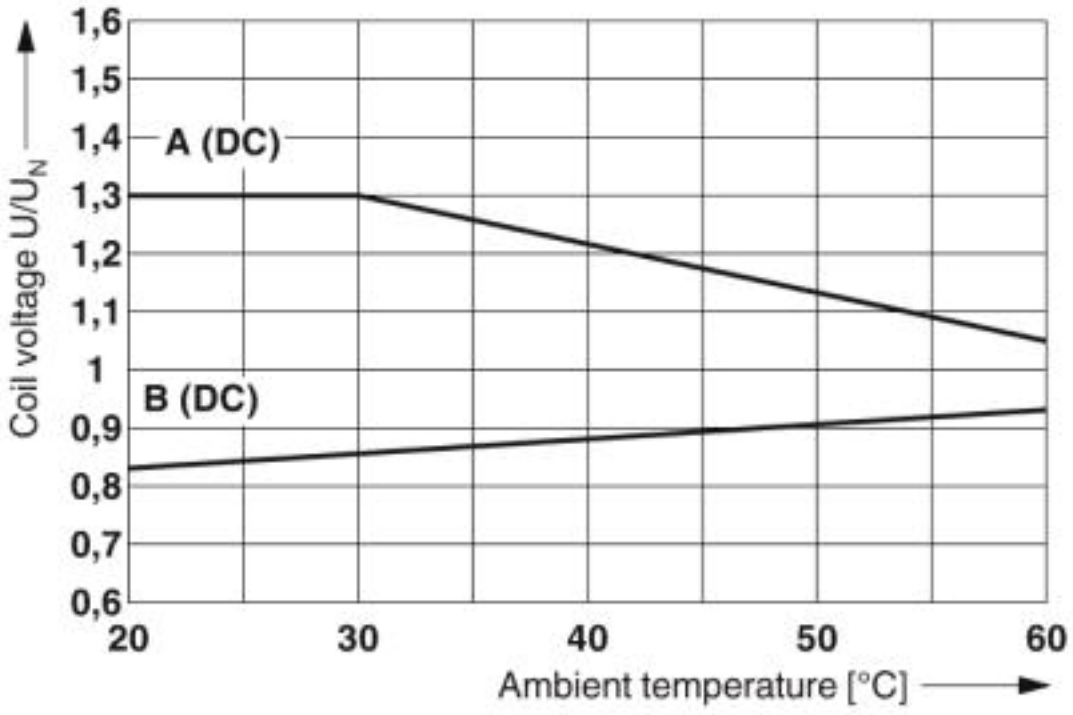
### Environmental Product Compliance

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

## Drawings

# Relay Module - PLC-RPT- 48DC/21-21/MS - 2910521

Diagram




Curve A: maximum continuous voltage at limiting continuous current
Curve B: minimum pick-up voltage for pre-excitation with $U_N$ and limiting continuous current