

TERMINAL BLOCK TPRI 110V SCREW TERM.
 Connection module TPRI with relay 110 V AC, Output 8 NO contacts
 24V DC/0.05 A Type: Screw terminal with LED, VPE=1 unit 16 pole
 IDC connector f. cable



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|--------------------------|--------------------------|
| Target system | SIMATIC S7-300 / 1500 |
| Suitability for use | Digital input module |
| Product type designation | Fully modular connection |
| Product designation | Connection module |

| Operating data | |
|--|--|
| Operating voltage | |
| • rated value | 50 V |
| • at AC / Rated value | 110 V |
| Current / rated value | 1 A |
| Continuous current / at DC / per signal cable / maximum | 0.05 A |
| Switching capacity current / of the contacts / with resistive load / maximum | 0.05 A; for 24V AC; recommended minimal load larger than 5mA |
| Operating temperature | 0 ... 60 °C |
| Ambient temperature | |
| • during operation | 0 ... 60 °C |
| • during storage | -40 ... +70 °C |
| Number of terminal levels | 1 |
| Number of terminal points / per terminal level | 1 |

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| Number of terminals | 20; 8 x I x 2; 2 x L+, 2 x M |
| Type of connecting terminal | Screw-type terminal |
| Type of electrical connection / for actuators and sensors | Screw-type terminal |
| Position / of the terminal | Top |
| Design of LED initiator/actuator terminal | Screw-type terminal |
| Width of screwdriver blade | 3.5 mm |
| Tightening torque / with screw-type terminals | 0.4 ... 0.5 N·m |
| Design of terminal / Terminal levels internally linked | No |
| Product component | |
| • PE connection | No |
| • Shield connection | No |
| • Disconnecter | No |
| • required / connection plate | No |
| Product feature / Infeed function | Yes |
| Product feature / cross-connectable | No |
| Relay design | For input signals |
| Type of switching contact | Single contact, NO contact |
| Number of relay outputs | 8 |
| Mechanical service life (switching cycles) / typical | 10 000 000 |
| Electrical endurance (switching cycles) / typical | 3 000 000; for AC 230 V/50 mA/Cos phi = 1 |
| Operating frequency / maximum | 8.33 1/s |
| Product component / protective wiring | No |
| Number of cables / per connection | 2; Connection for internal system: Combination of 1 or 2 Wires until the sum total of cross sections be achieved in a ferrule. |
| Type of connectable conductor cross-sections / solid | No |
| Connectable conductor cross-section | |
| • for flexible conductor / with core end processing | 0.5 ... 2.5 mm ² ; End sleeve according to DIN 46228/1 |
| • stranded | 0.5 ... 2.5 mm ² |
| • finely stranded / with core end processing | 0.5 ... 2.5 mm ² |
| Number of poles / at the 1st interface | 16; the IDC connector for the connection cable |
| Type of electrical connection / for connecting cable | Plug-in connection |
| number of the plug contacts / of the electrical connection | 1 |
| Wire length / maximum | 30 m; between front connector module and Connection module |

General data

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|------------------------------------|--------------------------------|
| Mounting type | DIN rail 35 mm, DIN rail 15 mm |
| Installation or assembly note | any |
| Mounting position | any |
| Degree of pollution | 2 |
| Overvoltage category | 2 |
| Combustibility class acc. to UL 94 | V1 |
| Insulation material | other |

| | |
|--|---------|
| Design tested acc. to type of protection / EEx e | No |
| Certificate of suitability / cULus approval | Yes |
| Reference code / acc. to DIN EN 81346-2 | X |
| Color | |
| • of the enclosure | grey |
| • of the light source | other |
| Length | 76 mm |
| Height / of the enclosure | 76 mm |
| Width / of the enclosure | 130 mm |
| Depth / of the enclosure | 60 mm |
| Height / with lowest-profile installation | 60 mm |
| Net weight | 0.36 kg |