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## Data sheet 6ES7924-0CL20-0BC0

TERM. BLOCK TP3 FUSE LED PUSH-IN TERM.
Connection module TP3 with fuse per channel 8 channels and 2x10 terminals for Potential supply Type: Push-in terminal with LED, VPE=1 unit 16 pole IDC connector f. cable




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

| Operating data | |
|---|---|
| Operating voltage | |
| • at DC / Rated value | 24 V |
| • rated value | 50 V |
| • at DC / maximum | 24 V |
| Current / rated value | 1 A |
| Continuous current / at DC / per signal cable / maximum | 1 A |
| Total current / maximum | 4 A |
| 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 | 28; 8 x I/O; 10 x L+, 10 x M |
| Type of connecting terminal | Push-In |
| Type of electrical connection / for actuators and sensors | Push-In |
| Position / of the terminal | Top |
| Design of LED initiator/actuator terminal | Push-In |
| Width of screwdriver blade | 3.5 mm |
| Design of terminal / Terminal levels internally linked | No |
| Product component | |
| • PE connection | No |
| • Shield connection | No |
| • Disconnector | No |
| • required / connection plate | No |
| Product feature / Infeed function | Yes |
| Product feature / cross-connectable | 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 | 0.2 ... 2.5 mm²; End sleeve according to DIN 46228/1 or DIN 46228/4 with plastic collar |
| • stranded | 0.2 ... 2.5 mm² |
| • finely stranded / without core end processing | 0.2 ... 2.5 mm² |
| • finely stranded / with core end processing | 0.2 ... 2.5 mm² |
| 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 | |
|---|---|
| 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 |
| Equipment marking / acc. to DIN EN 81346-2 | X |
| Color | |
| • of the enclosure | grey |
| • of the light source | other |


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| | |
|---|---|
| Length | 76 mm |
| Height / of the enclosure | 76 mm |
| Width / of the enclosure | 57 mm |
| Depth / of the enclosure | 60 mm |
| Height / with lowest-profile installation | 60 mm |
| Net weight | 0.24 kg |


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