

Diode - QUINT-DIODE/12-24DC/2X20/1X40 - 2320157

Technical data

Connection data, input

| | |
|------------------|------|
| Stripping length | 7 mm |
| Screw thread | M3 |

Connection data, output

| | |
|---------------------------------------|---------------------|
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.5 mm ² |
| Conductor cross section solid max. | 16 mm ² |
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 16 mm ² |
| Conductor cross section AWG min. | 10 |
| Conductor cross section AWG max. | 6 |
| Stripping length | 10 mm |
| Screw thread | M4 |

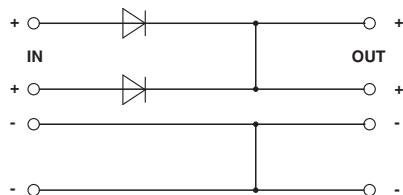
Standards and Regulations

| | |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Electromagnetic compatibility | Conformance with EMC Directive 2014/30/EU |
| Shock | 18 ms, 30g, in each space direction (according to IEC 60068-2-27) |
| Connection in acc. with standard | CUL |
| Standards/regulations | EN 61000-4-2 |
| | EN 61000-4-3 |
| | EN 61000-4-4 |
| | EN 61000-4-5 |
| | EN 61000-4-6 |
| Standard - Electrical safety | EN 60950-1/VDE 0805 (SELV) |
| Standard – Electronic equipment for use in electrical power installations and their assembly into electrical power installations | EN 50178/VDE 0160 (PELV) |
| Standard – Safety extra-low voltage | IEC 60950-1 (SELV) and EN 60204-1 (PELV) |
| Standard - Safe isolation | DIN VDE 0100-410 |
| Standard – Protection against shock currents, basic requirements for protective separation in electrical equipment | EN 50178 |
| UL approvals | UL/C-UL listed UL 508 |
| | UL/C-UL Recognized UL 60950 |
| | UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D (Hazardous Location) |
| Vibration (operation) | < 15 Hz, amplitude ±2.5 mm (according to IEC 60068-2-6) |
| | 15 Hz ... 150 Hz, 2.3g, 90 min. |
| Low Voltage Directive | Conformance with Low Voltage Directive 2006/95/EC |
| ATEX | # II 3G Ex nA IIC T4 Gc |
| | KEMA 10 ATEX 0165X |
| IECEX | Ex nA IIC T4 Gc |
| | IECEX KEM 10.0091 |

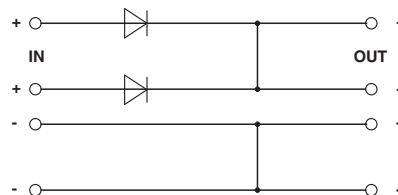
Drawings

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Block diagram



Block diagram



Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27250311 |
| eCl@ss 4.1 | 27250311 |
| eCl@ss 5.0 | 27242213 |
| eCl@ss 5.1 | 27242213 |
| eCl@ss 6.0 | 27049005 |
| eCl@ss 7.0 | 27049005 |
| eCl@ss 8.0 | 27371010 |
| eCl@ss 9.0 | 27371010 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC002540 |
| ETIM 5.0 | EC000683 |
| ETIM 6.0 | EC000683 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211502 |
| UNSPSC 7.0901 | 39121004 |
| UNSPSC 11 | 39121004 |
| UNSPSC 12.01 | 39121004 |
| UNSPSC 13.2 | 32151504 |

Approvals

Approvals

Approvals

UL Recognized / UL Listed / cUL Recognized / cUL Listed / RINA / GL / NK / LR / DNV / ABS / EAC / EAC / BV / cULus Recognized / cULus Listed

Ex Approvals

IECEX / ATEX / UL Listed / cUL Listed / cULus Listed

Approval details