

Fuse modular terminal block - USIG - 0920083

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Fuse modular terminal block, without fuse plug, Connection method: Screw connection, Cross section: 0.5 mm²- 16 mm², AWG: 20 - 6, Nominal current: 10 A, Nominal voltage: 500 V, Width: 10.2 mm, Fuse type: G / 5 x 20 / 5 x 25 / 5 x 30 / 6.3 x 32, Fuse type: Glass / ceramics / ..., Mounting type: NS 35/7,5, NS 35/15, NS 32, Color: black

The illustration shows a combination of versions USIG and ST1-SILED 24



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 010133 |
| Weight per Piece (excluding packing) | 28.02 g |
| Custom tariff number | 85369085 |
| Country of origin | Germany |

Technical data

General

| | |
|--|---|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 16 mm ² |
| Color | black |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Fuse | G / 5 x 20 / 5 x 25 / 5 x 30 / 6.3 x 32 |
| Fuse type | Glass / ceramics / ... |
| Rated surge voltage | 6 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |

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Technical data

General

| | |
|----------------------------------|--|
| Connection in acc. with standard | IEC 60947-7-3 |
| Maximum load current | 40 A (is determined by the fuse used) |
| Nominal current I_N | 10 A |
| Nominal voltage U_N | 500 V (As a fuse terminal block) |
| | 500 V (As a disconnect terminal block) |
| Open side panel | No |

Dimensions

| | |
|------------------|---------|
| Width | 10.2 mm |
| Length | 61 mm |
| Height NS 35/7,5 | 51.6 mm |
| Height NS 35/15 | 59.1 mm |
| Height NS 32 | 56.6 mm |

Connection data

| | |
|---|---------------------|
| 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. | 20 |
| Conductor cross section AWG max. | 6 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 16 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 10 mm ² |
| Cross section with insertion bridge, solid max. | 16 mm ² |
| Cross section with insertion bridge, stranded max. | 16 mm ² |
| 2 conductors with same cross section, solid min. | 0.5 mm ² |
| 2 conductors with same cross section, solid max. | 4 mm ² |
| 2 conductors with same cross section, stranded min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded max. | 6 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 6 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 6 mm ² |
| Cross section with insertion bridge, solid max. | 16 mm ² |

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Technical data

Connection data

| | |
|--|--------------------|
| Cross section with insertion bridge, stranded max. | 16 mm ² |
| Connection method | Screw connection |
| Stripping length | 13 mm |
| Internal cylindrical gage | A5 |
| Screw thread | M4 |
| Tightening torque, min | 1.5 Nm |
| Tightening torque max | 1.8 Nm |

Standards and Regulations

| | |
|--|---------------|
| Connection in acc. with standard | CSA |
| | IEC 60947-7-3 |
| Flammability rating according to UL 94 | V0 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141116 |
| eCl@ss 4.1 | 27141116 |
| eCl@ss 5.0 | 27141116 |
| eCl@ss 5.1 | 27141116 |
| eCl@ss 6.0 | 27141116 |
| eCl@ss 7.0 | 27141116 |
| eCl@ss 8.0 | 27141116 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000899 |
| ETIM 3.0 | EC000899 |
| ETIM 4.0 | EC000899 |
| ETIM 5.0 | EC000899 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211812 |
| UNSPSC 7.0901 | 39121411 |
| UNSPSC 11 | 39121411 |
| UNSPSC 12.01 | 39121411 |
| UNSPSC 13.2 | 39121411 |

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Approvals

Approvals


Approvals


CSA / UL Recognized / BV / PRS / EAC

Ex Approvals

Approvals submitted

Approval details

| | |
|--|-------|
| CSA  | |
| mm ² /AWG/kcmil | 24-8 |
| Nominal current I _N | 40 A |
| Nominal voltage U _N | 600 V |

| | |
|---|-------|
| UL Recognized  | |
| mm ² /AWG/kcmil | 18-8 |
| Nominal current I _N | 40 A |
| Nominal voltage U _N | 600 V |

BV

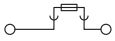
PRS

EAC

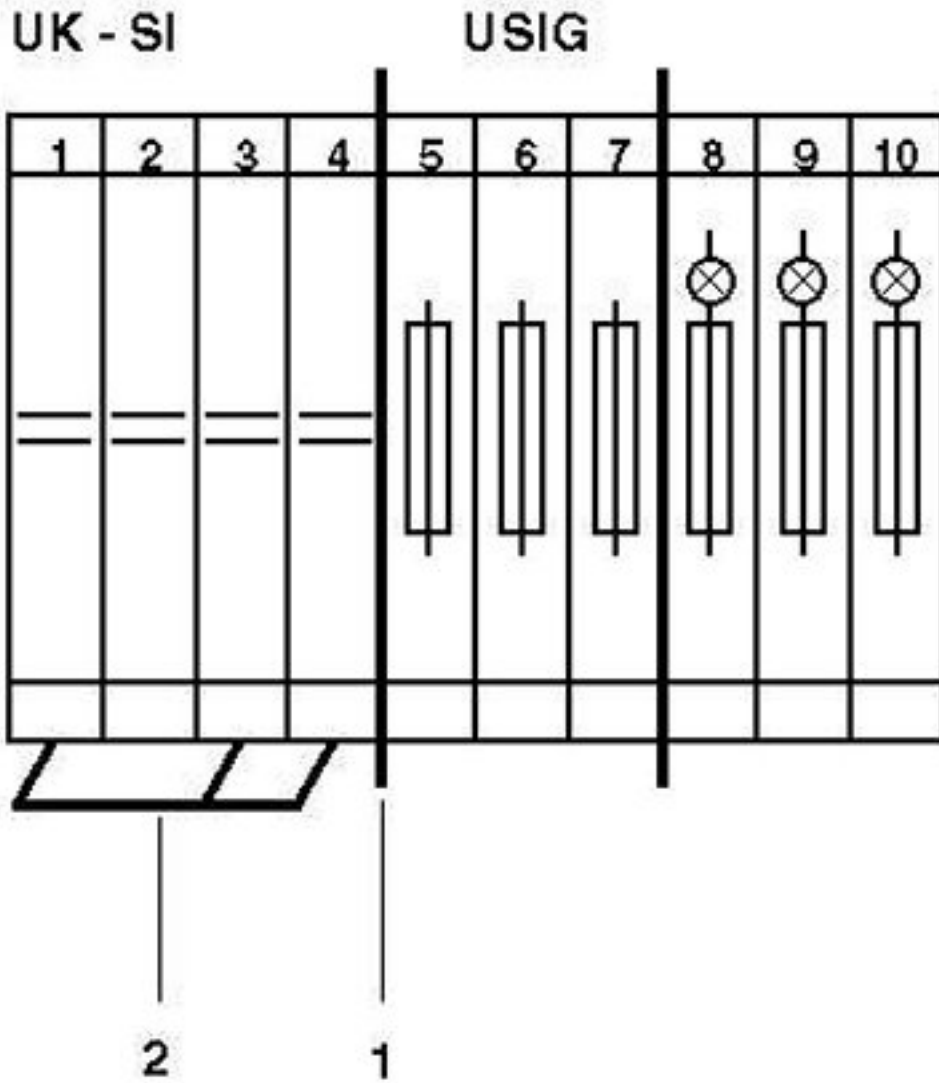
Drawings

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Circuit diagram



Circuit diagram



1 = partition plate
2 = insertion bridge