

## Fuse modular terminal block - USIG - 0920083

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Fuse terminal block, cross section: 0.5 - 16 mm<sup>2</sup>, AWG: 18 - 8, width: 10.2 mm, color: black

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

### Key commercial data

|                        |   |
|------------------------|---|
| Packing unit           | 1   |
| Minimum order quantity | 50  |
| Catalog page           | Page 442 (CL1-2011)   |
| GTIN                   | <br>4 017918 010133 |
| Custom tariff number   | 85363010  |
| Country of origin      | GERMANY   |

### Technical data

#### General

|   |       |
|---|-------|
| Number of levels                        | 1     |
| Number of connections                   | 2     |
| Color                                   | black |
| Insulating material                     | PA    |
| Inflammability class according to UL 94 | V2    |

#### 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     | 59.1 mm |

#### Technical data

|                        |   |
|------------------------|---|
| Fuse                   | G / 5 x 20 / 5 x 25 / 5 x 30 / 6.3 x 32 |
| Fuse type              | Glass                                   |
| Rated surge voltage    | 6 kV                                    |
| Pollution degree       | 3                                       |
| Surge voltage category | III                                     |

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## Technical data

### Technical data

|                                  |  |
|----------------------------------|--|
| Insulating material group        | I                                      |
| Connection in acc. with standard | IEC 60947-7-3                          |
| Nominal current I <sub>N</sub>   | 10 A                                   |
| Nominal voltage U <sub>N</sub>   | 500 V (As a fuse terminal block)       |
| Nominal voltage U <sub>N</sub>   | 500 V (As a disconnect terminal block) |

### Connection data

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

## Classifications

### eClass

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141116 |
|------------|----------|

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## Classifications

### eclass

|            |          |
|------------|----------|
| eCl@ss 4.1 | 27141116 |
| eCl@ss 5.0 | 27141116 |
| eCl@ss 5.1 | 27141116 |
| eCl@ss 6.0 | 27141116 |

### etim

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

### unspsc

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

## Approvals

### Certificates

#### Certification

CSA / UL Recognized / GOST / BV / PRS / GOST

#### Certification EX

#### Certification submitted

## Approval details

|                                |       |
|--------------------------------|-------|
| CSA                            |       |
| mm <sup>2</sup> /AWG/kcmil     | 24-8  |
| Nominal current I <sub>N</sub> | 40 A  |
| Nominal voltage U <sub>N</sub> | 600 V |

|                                |      |   |
|--------------------------------|------|---|
| UL Recognized                  |      | C |
| mm <sup>2</sup> /AWG/kcmil     | 18-8 |   |
| Nominal current I <sub>N</sub> | 40 A |   |

## Fuse modular terminal block - USIG - 0920083

### Approvals

|                    |       |   |
|--------------------|-------|---|
|                    |       | C |
| Nominal voltage UN | 600 V |   |

GOST

BV

PRS

GOST

### Accessories

#### Accessories

#### Assembly

DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 32 CU/120QMM UNPERF 2000MM - 1201280



G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m

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### Accessories

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DIN rail - NS 32 AL UNPERF 2000MM - 1201028



G rail 32 mm (NS 32)

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DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 32 CU/35QMM UNPERF 2000MM - 1201358



G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m

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DIN rail - NS 32 UNPERF 2000MM - 1201015



G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m

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DIN rail - NS 32 PERF 2000MM - 1201002



G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m

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## Fuse modular terminal block - USIG - 0920083

### Accessories

DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

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DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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End clamp - CLIPFIX 35 - 3022218



Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray

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End clamp - E/UK - 1201442



End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

## Fuse modular terminal block - USIG - 0920083

### Accessories

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Partition plate - ATS-GSK - 0304227



Partition plate, Length: 59.5 mm, Width: 0.8 mm, Height: 58 mm, Color: gray

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### Bridges

Insertion bridge - EB 2-10 - 0203153



Insertion bridge, Number of positions: 2, Color: gray

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Insertion bridge - EB 10-10 - 0203137



Insertion bridge, Number of positions: 10, Color: gray

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### Marking

Marker cards - SBS10:UNBEDRUCKT - 1007248



Marker cards, Card, white, Unlabeled, Can be labeled with: Plotter, Perforated, Mounting type: Snap into tall marker groove, Snap into flat marker groove, For terminal block width: 10 mm

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Zack marker strip - ZB 10 CUS - 0824941



Zack marker strip, Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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### Plug/Adapter

## Fuse modular terminal block - USIG - 0920083

### Accessories

Fuse plug - ST-SI - 0920229



Fuse plug, Length: 45.4 mm, Width: 9.9 mm, Color: black

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Fuse plug - ST-SILA250 - 0920287



Fuse plug, Length: 45.4 mm, Width: 9.9 mm, Color: black

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Fuse plug - ST-SILED 24 - 0920452

Fuse plug, Color: black

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Fuse plug - ST 1-SI - 0920326



Fuse plug, Length: 45.4 mm, Width: 9.9 mm, Color: black

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Fuse plug - ST 1-SILED 24 - 0920384

Fuse plug, Length: 45.4 mm, Width: 9.9 mm

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Fuse plug - ST 1-SILA 250 - 0920397



Fuse plug, Length: 45.4 mm, Width: 9.9 mm

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## Accessories

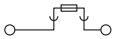
Isolating connectors - ST-T - 0920216



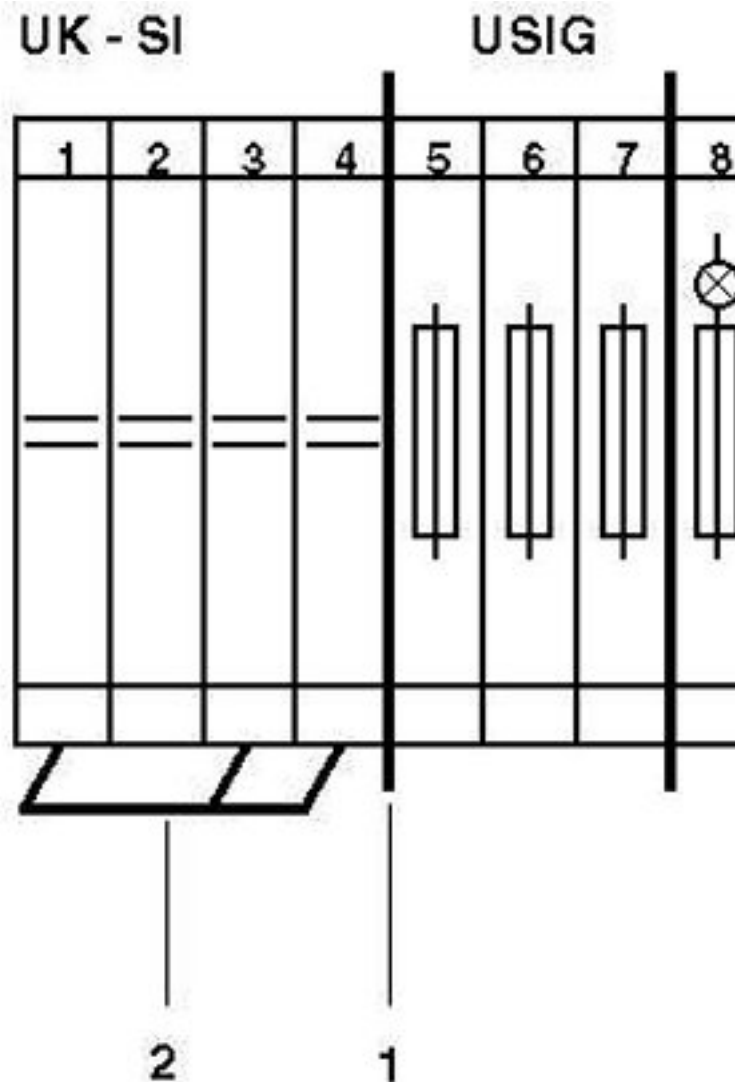
Isolating connector, for using the base fuse terminal block as plug disconnect terminal block

## Drawings

Circuit diagram



Circuit diagram



1 = partition plate  
2 = insertion bridge

