

# 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	 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

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Insulating material group	I
Connection in acc. with standard	IEC 60947-7-3
Nominal current IN	10 A
Nominal voltage UN	500 V (As a fuse terminal block)
Nominal voltage UN	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

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### 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

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### 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

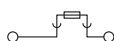
Isolating connectors - ST-T - 0920216



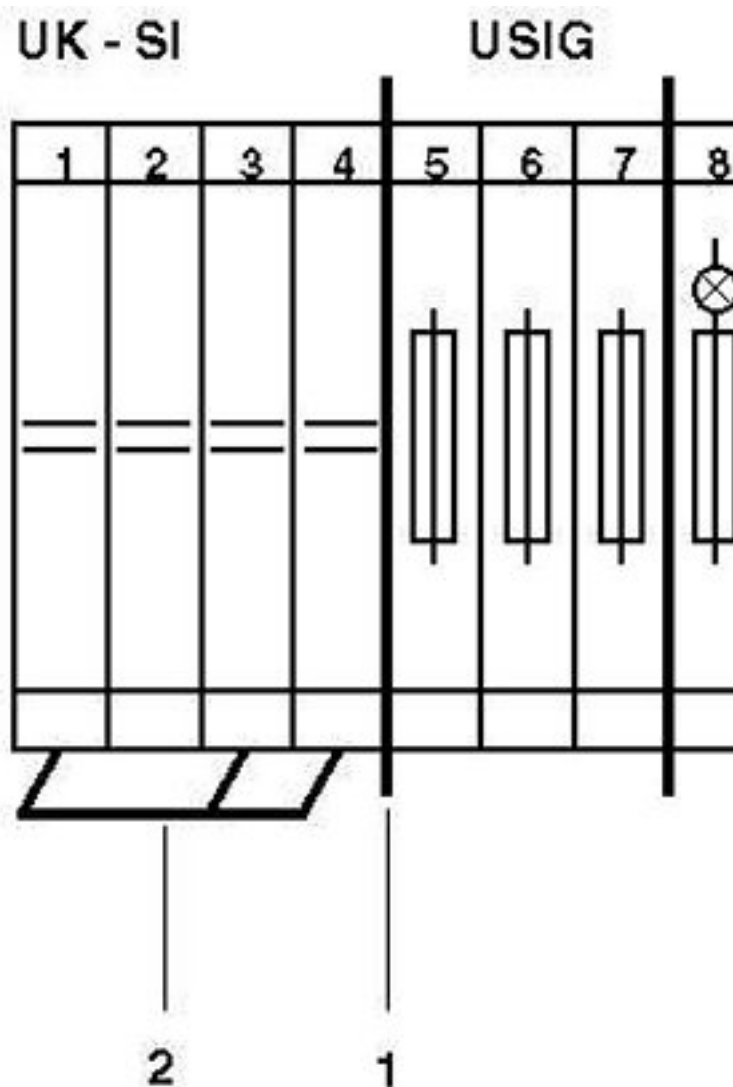
Isolating connector, for using the base fuse terminal block as plug disconnect terminal block

## Drawings

Circuit diagram



Circuit diagram



1 = partition plate  
2 = insertion bridge



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