

Fuse modular terminal block - USIG - 0920083

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Fuse terminal block, cross section: 0.5 - 16 mm², 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 ²
Conductor cross section solid max.	16 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	16 mm ²
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 ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 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
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

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

UL Recognized		C
mm ² /AWG/kcmil	18-8	
Nominal current I _N	40 A	

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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

DIN rail - NS 32 AL UNPERF 2000MM - 1201028



G rail 32 mm (NS 32)

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



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

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

DIN rail - NS 32 UNPERF 2000MM - 1201015



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

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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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

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

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

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

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

End clamp - E/UK - 1201442



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

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Accessories

Partition plate - ATS-GSK - 0304227



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

Bridges

Insertion bridge - EB 2-10 - 0203153



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

Insertion bridge - EB 10-10 - 0203137



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

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

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

Plug/Adapter

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Accessories

Fuse plug - ST-SI - 0920229



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

Fuse plug - ST-SILA250 - 0920287



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

Fuse plug - ST-SILED 24 - 0920452

Fuse plug, Color: black

Fuse plug - ST 1-SI - 0920326



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

Fuse plug - ST 1-SILED 24 - 0920384

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

Fuse plug - ST 1-SILA 250 - 0920397



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

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Accessories

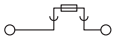
Isolating connectors - ST-T - 0920216



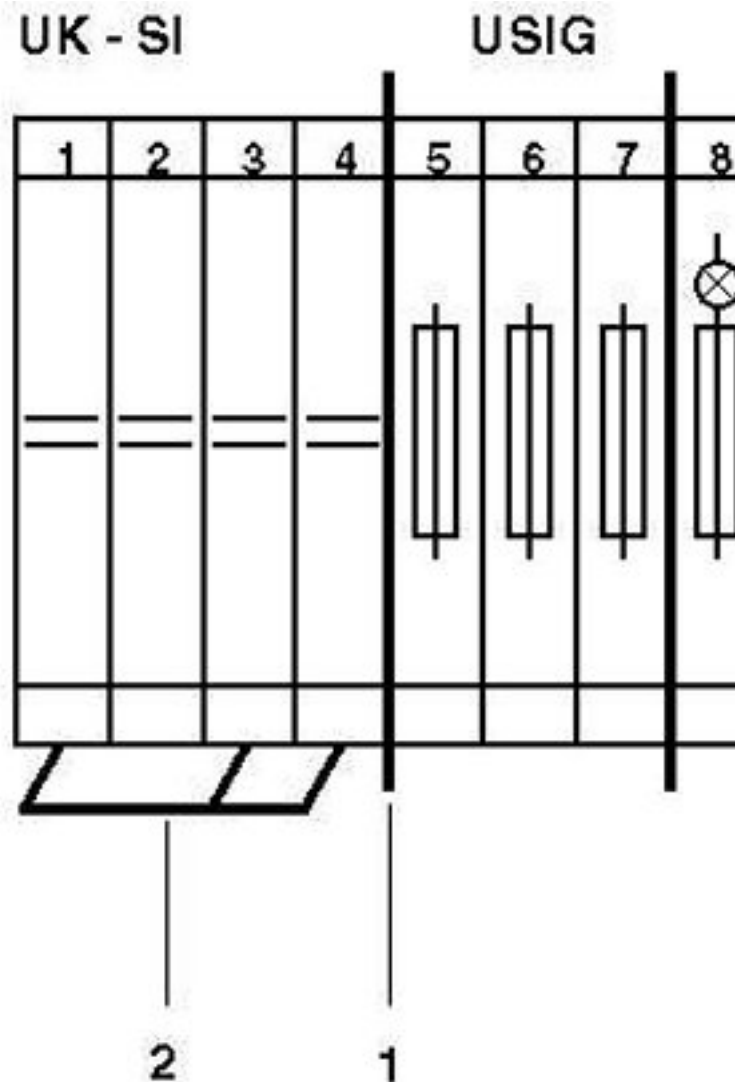
Isolating connector, for using the base fuse terminal block as plug disconnect terminal block

Drawings

Circuit diagram



Circuit diagram



1 = partition plate
2 = insertion bridge

