

Fuse modular terminal block - UK 10,3 HESILED 1000V - 3211249

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Fuse terminal block with light indicator, for cartridge fuse insert 10.3 x 38 mm, cross section: 1.5 - 25 mm², AWG: 16 - 4, width: 18 mm, color: Black

Your advantages

- ✓ Quick identification of faulty fuses regardless of the current direction, thanks to LED status indicator
- ✓ For 10 x 38 gPV fuse-links in accordance with IEC 60269-6
- ✓ Easy to bridge
- ✓ For 10 x 38 gPV fuse-links in accordance with IEC 60269-6
- ✓ Fuse holder for fusing 400 V – 1000 V DC PV strings



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 046356 482400
GTIN	4046356482400
Weight per Piece (excluding packing)	60.000 g
Custom tariff number	85369095
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	16 mm ²
Color	black

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Technical data

General

Flammability rating according to UL 94	V2
Maximum power dissipation for nominal condition	2.43 W
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	II
Insulating material group	IIIb
Connection in acc. with standard	IEC 60269-1 / -2
Maximum load current	30 A (the current and voltage are determined by the fuse)
Nominal current I_N	30 A (the current and voltage are determined by the fuse)
Nominal voltage U_N	1000 V (the current and voltage are determined by the fuse)
Fuse	10:3 x 38 mm
Fuse type	Glass / ceramics / ...
Open side panel	No
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

Dimensions

Width	18 mm
Length	81 mm
Height NS 35/7,5	65.5 mm
Height NS 35/15	73 mm

Connection data

Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section flexible min.	0.75 mm ²
Conductor cross section flexible max.	25 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	3
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 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.	0.75 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm ²
Cross section with insertion bridge, solid max.	10 mm ²
Cross section with insertion bridge, stranded max.	10 mm ²
2 conductors with same cross section, solid min.	0.75 mm ²
2 conductors with same cross section, solid max.	4 mm ²
2 conductors with same cross section, stranded min.	0.75 mm ²
2 conductors with same cross section, stranded max.	4 mm ²

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Technical data

Connection data

Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.75 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	4 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.75 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	10 mm ²
Cross section with insertion bridge, solid max.	10 mm ²
Cross section with insertion bridge, stranded max.	10 mm ²
Connection method	Screw connection
Stripping length	11 mm
Internal cylindrical gage	B6
Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	2.5 Nm

Ambient conditions

Operating temperature	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

Standards and Regulations

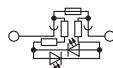
Connection in acc. with standard	IEC 60269-1 / -2
Flammability rating according to UL 94	V2

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Circuit diagram



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Classifications

eCl@ss

eCl@ss 10.0.1	27141116
eCl@ss 11.0	27141116
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141116
eCl@ss 9.0	27141116

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 6.0	EC000899
ETIM 7.0	EC000899

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

Approvals

Approvals

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UL Listed / EAC / EAC

Ex Approvals

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Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 353282
Nominal voltage UN		1000 V	
Nominal current IN		30 A	
mm ² /AWG/kcmil		18-8	

EAC		RU C- DE.AI30.B.01102
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EAC		RU C- DE.BL08.B.00534
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Accessories

Accessories

Connector

Connection pin - VS-UK 10,3-HESI N 2POL - 3048532



Connection pin - VS-UK 10,3-HESI N 3POL - 3048409



DIN rail

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Accessories

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



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Aluminum, uncoated, length: 2000 mm, color: silver

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Accessories

DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Copper, uncoated, length: 2000 mm, color: copper-colored

End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

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



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

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Accessories

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Aluminum, uncoated, length: 2000 mm, color: silver

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

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Accessories

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Copper, uncoated, length: 2000 mm, color: copper-colored

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

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



DIN rail, unperforated, Standard profile 2.3 mm, width: 35 mm, height: 15 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

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Accessories

End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

Fuse

Fuse - FUSE 10,3X38 2A PV - 3061295



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 4A PV - 3061305



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 6A PV - 3061318



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse modular terminal block - UK 10,3 HESILED 1000V - 3211249

Accessories

Fuse - FUSE 10,3X38 8A PV - 3061321



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 10A PV - 3061334



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 12A PV - 3061347



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 16A PV - 3061350



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 20A PV - 3061363



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

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Accessories

Fuse - FUSE 10,3X38 25A PV - 3061364



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 15A PV - 3061348



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 2A PV - 3061295



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 4A PV - 3061305



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 6A PV - 3061318



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse modular terminal block - UK 10,3 HESILED 1000V - 3211249

Accessories

Fuse - FUSE 10,3X38 8A PV - 3061321



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 10A PV - 3061334



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 12A PV - 3061347



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 15A PV - 3061348



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 16A PV - 3061350



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse modular terminal block - UK 10,3 HESILED 1000V - 3211249

Accessories

Fuse - FUSE 10,3X38 20A PV - 3061363



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 25A PV - 3061364



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

Fuse - FUSE 10,3X38 25A PV 900V - 3061365



Fuse, 10.3 mm x 38 mm, up to 900 V DC, gPV characteristic

Fuse - FUSE 10,3X38 6A PV A - 3062778



Fuse, for the photovoltaics industry according to UL 2579, nominal current: 6 A, length: 38 mm, diameter: 10.3 mm, color: white

Fuse - FUSE 10,3X38 8A PV A - 3062779



Fuse, for the photovoltaics industry according to UL 2579, nominal current: 8 A, length: 38 mm, diameter: 10.3 mm, color: white

Fuse modular terminal block - UK 10,3 HESILED 1000V - 3211249

Accessories

Fuse - FUSE 10,3X38 10A PV A - 3062780



Fuse, for the photovoltaics industry according to UL 2579, nominal current: 10 A, length: 38 mm, diameter: 10.3 mm, color: white

Fuse - FUSE 10,3X38 12A PV A - 3062781



Fuse, for the photovoltaics industry according to UL 2579, nominal current: 12 A, length: 38 mm, diameter: 10.3 mm, color: white

Fuse - FUSE 10,3X38 16A PV A - 3062782



Fuse, for the photovoltaics industry according to UL 2579, nominal current: 16 A, length: 38 mm, diameter: 10.3 mm, color: white

Fuse - FUSE 10,3X38 15A PV A - 3062784



Fuse, for the photovoltaics industry according to UL 2579, nominal current: 15 A, length: 38 mm, diameter: 10.3 mm, color: white

Insertion bridge

Insertion bridge - EB 56-18/L1-L2-L3 - 3009367



Insertion bridge, pitch: 18 mm, number of positions: 56, color: gray

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Accessories

Insertion bridge - EB 56-18 - 3009299



Insertion bridge, pitch: 18 mm, number of positions: 56, color: gray

Insertion bridge - EB 2-18 - 3009300



Insertion bridge, pitch: 17.8 mm, number of positions: 2, color: light gray

Insertion bridge - EB 3-18 - 3009305



Insertion bridge, pitch: 17.8 mm, number of positions: 3, color: light gray

Labeled terminal marker

Zack Marker strip, flat - ZBF 16 CUS - 0827465



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 16 mm, lettering field size: 5.15 x 16 mm, Number of individual labels: 5

Marker for terminal blocks - UC-TMF 16 CUS - 0824678



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 16 mm, lettering field size: 15.45 x 5.1 mm, Number of individual labels: 32

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Accessories

Marker for terminal blocks - UCT-TMF 16 CUS - 0829693



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 16 mm, lettering field size: 15.2 x 4.7 mm, Number of individual labels: 24

Screwdriver tools

Screwdriver - SF-SL 0,6X3,5-100 S-VDE - 1212587



Actuation tool, for ST terminal blocks, VDE insulated, with slimmer insulation integrated in the blade, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Philips screwdriver - SZK PZ2 VDE - 1206463



Screwdriver, PZ crosshead, VDE insulated, size: PZ 2 x 100 mm, 2-component grip, with non-slip grip

Screwdriver - SZS 1,0X4,0 VDE - 1205066



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

Zack Marker strip, flat - ZBF 16:UNPRINTED - 0827464



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 16 mm, lettering field size: 16.25 x 10.5 mm, Number of individual labels: 50

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Accessories

Marker for terminal blocks - UC-TMF 16 - 0819262



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 16 mm, lettering field size: 15.45 x 5.1 mm, Number of individual labels: 32

Marker for terminal blocks - UCT-TMF 16 - 0829218



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into flat marker groove, for terminal block width: 16 mm, lettering field size: 15.2 x 4.7 mm, Number of individual labels: 24
