

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

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Fuse modular terminal block, connection method: Push-in connection, cross section: 1.5 mm²- 10 mm², AWG: 16 - 6, nominal current: 20 A, nom. voltage: 1000 V, width: 17.6 mm, fuse type: Midget / 10.3 x 38, mounting type: NS 35/7,5, NS 35/15, color: black

Your advantages

- ✓ Fuse holder for fusing PV strings 1000 V DC
- ✓ 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



Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 046356 724739
GTIN	4046356724739

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	10 mm ²
Color	black
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum power dissipation for nominal condition	3 W
Fuse	Midget / 10.3 x 38
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	IIIa

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

Technical data

General

Maximum power dissipation	3 W (Fuse insert)
LED voltage range	250 V AC ... 1000 V AC
Connection in acc. with standard	IEC 60269-1 / -2
Maximum load current	20 A (the current is determined by the fuse used)
Nominal current I_N	20 A (the current is determined by the fuse used)
Nominal voltage U_N	1000 V (the voltage is determined by the fuse used)
Open side panel	No

Dimensions

Width	17.6 mm
Length	87 mm
Height NS 35/7,5	63 mm
Height NS 35/15	70.5 mm

Ambient conditions

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

Connection data

Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section flexible min.	1.5 mm ²
Conductor cross section flexible max.	16 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm ²
Connection method	Push-in connection
Stripping length	18 mm

Standards and Regulations

Connection in acc. with standard	IEC 60269-1 / -2
Flammability rating according to UL 94	V0

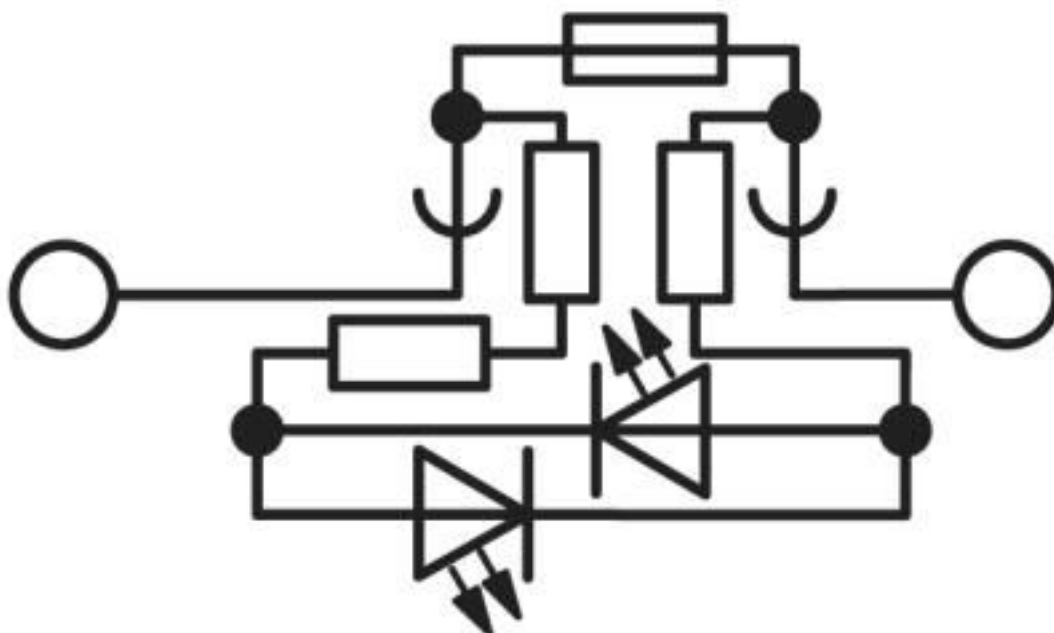
Environmental Product Compliance

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

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

Drawings

Circuit diagram



Classifications

eCl@ss

eCl@ss 10.0.1	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 8.0	27141116
eCl@ss 9.0	27141116

ETIM

ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899
ETIM 6.0	EC000899
ETIM 7.0	EC000899

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

Classifications

UNSPSC

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

Approvals


UL Listed / EAC / EAC

Ex 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	32 A		
mm ² /AWG/kcmil	16-6		

EAC		RU C- DE.AI30.B.01102
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EAC		RU C- DE.BL08.B.00644
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Accessories

Accessories

Bridge

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

Accessories

Connection pin - VS-PT 10,3-HESI 16 - 3062157



Connection pin, for combining multiple safety levers. Used with fuse carriers without spacer.

Connection pin - VS-PT 10,3-HESI 20 - 3062158



Connection pin, for combining multiple safety levers. Used with fuse carriers with spacer.

Crimping tool

Crimping pliers - CRIMPFOX CENTRUS 6S - 1213144



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 6 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Crimping pliers - CRIMPFOX CENTRUS 10S - 1213154



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 10 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Crimping pliers - CRIMPFOX CENTRUS 6H - 1213146



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 6 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

Accessories

Crimping pliers - CRIMPFOX CENTRUS 10H - 1213156



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 10 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Crimping pliers - CRIMPFOX 10S - 1212045



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm² ... 10 mm², unlockable pressure lock, lateral entry

Crimping pliers - CRIMPFOX 6H - 1212046



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm² ... 6 mm², unlockable pressure lock, lateral entry

Crimping pliers - CRIMPFOX 2,5-M - 1212719



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 2.5 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 6-M - 1212720



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

Accessories

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 6T - 1212037



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 6T-F - 1212038



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6 mm², front entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 6S-F - 1212043



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.5 mm² ... 6 mm², front entry, square crimp

Crimping pliers - CRIMPFOX-M - 1212072



Basic pliers, for accommodating dies for a wide range of type of contacts

DIN rail

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

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

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

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

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

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

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

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

Documentation

Mounting material - PT-IL - 3208090



Operating decal for the push-in Technology

End block

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

Accessories

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

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

End clamp - E/UK - 1201442



End clamp, width: 9.5 mm, height: 35.3 mm, material: PA, length: 50.5 mm, Mounting on a DIN rail NS 32 or NS 35, color: gray

End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

Fuse

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

Accessories

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 - 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 modular terminal block - PT 10,3-HESILED 1000V - 3062143

Accessories

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 - 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 modular terminal block - PT 10,3-HESILED 1000V - 3062143

Accessories

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, 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, length: 38 mm, diameter: 10.3 mm, color: white

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



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

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

Accessories

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



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

Fuse - FUSE 10,3X38 25A PV A - 3062785



Fuse, for the photovoltaics industry according to UL 2579, nominal current: 25 A, length: 38 mm, diameter: 10.3 mm, color: white

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

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

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

Pitch spacer

Spacer - DP-PT 10,3-HESI - 3062155



Spacer for adjacent fuse carriers, 4 should be inserted (2 should be inserted on the outer ends of the fuse terminal block)

Screwdriver tools

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

Marker card - SBS10:UNBEDRUCKT - 1007248



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, perforated, mounting type: snap into tall marker groove, snap into flat marker groove, for terminal block width: 10 mm, lettering field size: 6 x 10.1 mm, Number of individual labels: 250

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

Fuse modular terminal block - PT 10,3-HESILED 1000V - 3062143

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

Warning label printed

Warning label - WS PT 16 - 1029033



Warning label, yellow/black, labeled: Lightning flash, mounting type: plug in, for terminal block width: 12.2 mm

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