Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

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Disconnect terminal block, With test socket screws for insertion of test plugs, Connection type: Screw connection, Cross section: 0.14 mm² - 6 mm², AWG: 26 - 10, Nominal current: 20 A, Nominal voltage: 500 V, Length: 65.4 mm, Width: 6.2 mm, Color: blue, Assembly: NS 35/7,5, NS 35/15

RoHS

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	4 046356 333924
GTIN	4046356333924
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Note	The max. load current must not be exceeded by the total current of all connected conductors. Current and voltage are determined by the plug used.
Number of levels	1
Number of connections	3
Nominal cross section	4 mm²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Technical data

General

Insulating material group	I
Maximum load current	20 A (with 6 mm² conductor cross section)
Nominal current I_N	20 A
Nominal voltage U_N	500 V
Open side panel	Yes
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

Dimensions

Width	6.2 mm
End cover width	2.2 mm
Length	65.4 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

Connection data

Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	6 mm²

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Technical data

Connection data

Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
Stripping length	9 mm
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

Circuit diagram

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Classifications

eCl@ss

eCl@ss 4.0	27141199
eCl@ss 4.1	27141199
eCl@ss 5.0	27141145
eCl@ss 5.1	27141145
eCl@ss 6.0	27141133
eCl@ss 7.0	27141133
eCl@ss 8.0	27141126
eCl@ss 9.0	27141126

ETIM

ETIM 2.0	EC000886
ETIM 3.0	EC000886
ETIM 4.0	EC000902
ETIM 5.0	EC000902
ETIM 6.0	EC000902

UNSPSC

UNSPSC 6.01	30211827
UNSPSC 7.0901	39121424
UNSPSC 11	39121424
UNSPSC 12.01	39121424
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / CSA / EAC / VDE Zeichengenehmigung / IECEE CB Scheme / cULus Recognized

Ex Approvals

Approval details

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Approvals

UL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm		FILE E 60425
	B	C	D
mm²/AWG/kcmil	26-10	26-10	26-10
Nominal current IN	20 A	20 A	10 A
Nominal voltage UN	300 V	150 V	300 V

cUL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm		FILE E 60425
	B	C	D
mm²/AWG/kcmil	26-10	26-10	26-10
Nominal current IN	20 A	20 A	10 A
Nominal voltage UN	300 V	150 V	300 V

CSA	http://www.csagroup.org/services/testing-and-certification/certified-product-listing/		13631
	B	C	D
mm²/AWG/kcmil	26-10	26-10	26-10
Nominal current IN	16 A	16 A	10 A
Nominal voltage UN	300 V	150 V	300 V

EAC	7500651.22.01.00246

VDE Zeichengenehmigung	http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40041930
mm²/AWG/kcmil	0.2-4.0	
Nominal current IN	20 A	
Nominal voltage UN	500 V	

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Approvals

IECEE CB Scheme		http://www.iecee.org/	DE1-55408

mm²/AWG/kcmil	0.2-4.0
Nominal voltage UN	500 V

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm

Accessories

Accessories

Bridge

Feed-through connector - P-FIX - 3038956

Feed-through connector, Length: 10.5 mm, Width: 4 mm, Color: gray

Component plug terminal block

Component connector - P-CO XL-UT - 3036799

Component connector, for installing components that can be individually selected up to a diameter of 10 mm and power dissipation of up to 1 W, Nominal current: 10 A, Length: 41.2 mm, Width: 12.3 mm, Height: 37.5 mm, Number of positions: 1, Color: gray

Component connector - P-CO - 3036796

Component connector, for installing components that can be individually selected, Nominal current: 6 A, Pitch: 5.2 mm, Length: 24.2 mm, Width: 5.2 mm, Height: 33.3 mm, Number of positions: 1, Color: gray

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

Component connector - P-CO 1N4007/R-L - 3032457

Component connector, with diode1N4007, Length: 24.2 mm, Width: 5.2 mm, Height: 33.3 mm, Number of positions: 1, Color: gray

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Component connector - P-CO 1N4007/L-R - 3032460

Component connector, Length: 24.2 mm, Width: 5.2 mm, Height: 33.3 mm, Number of positions: 1, Color: gray

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DIN rail

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

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

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

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

DIN rail 35 mm (NS 35)

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

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

DIN rail 35 mm (NS 35)

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

DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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

DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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

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

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

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

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Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

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

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

DIN rail 35 mm (NS 35)

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

DIN rail 35 mm (NS 35)

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

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 ZN PERF 2000MM - 1206599

DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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

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

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DIN rail, unperforated - 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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End cap - NS 35/15 CAP - 1206573

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

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

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

DIN rail, unperforated, Width: 35 mm, Height: 15 mm, Length: 2000 mm, Color: silver

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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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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

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End clamp - E/NS 35 N - 0800886

End clamp, width: 9.5 mm, color: gray

End cover

End cover - D-UT 2,5/4-QUATTRO - 3047170

End cover, Length: 64.4 mm, Width: 2.2 mm, Height: 39.8 mm, Color: gray

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663

Insulating sleeve, Color: white

Insulating sleeve - MPS-IH RD - 0201676

Insulating sleeve, Color: red

Insulating sleeve - MPS-IH BU - 0201689

Insulating sleeve, Color: blue

Insulating sleeve - MPS-IH YE - 0201692

Insulating sleeve, Color: yellow

Insulating sleeve - MPS-IH GN - 0201702

Insulating sleeve, Color: green

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

Insulating sleeve - MPS-IH GY - 0201728

Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731

Insulating sleeve, Color: black

Jumper

Plug-in bridge - FBS 2-6 - 3030336

Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 10.7 mm, Number of positions: 2, Color: red

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Plug-in bridge - FBS 3-6 - 3030242

Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 16.9 mm, Number of positions: 3, Color: red

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Plug-in bridge - FBS 4-6 - 3030255

Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 23.1 mm, Number of positions: 4, Color: red

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Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

Plug-in bridge - FBS 5-6 - 3030349

Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 29.3 mm, Number of positions: 5, Color: red

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Plug-in bridge - FBS 10-6 - 3030271

Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 60.3 mm, Number of positions: 10, Color: red

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Plug-in bridge - FBS 20-6 - 3030365

Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 122.3 mm, Number of positions: 20, Color: red

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Plug-in bridge - FBS 50-6 - 3032224

Plug-in bridge, Pitch: 6.2 mm, Number of positions: 50, Color: red

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Plug-in bridge - FBSR 2-6 - 3033715

Plug-in bridge, Pitch: 6.2 mm, Number of positions: 2, Color: red

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Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

Plug-in bridge - FBSR 3-6 - 3001594

Plug-in bridge, Pitch: 6.2 mm, Number of positions: 3, Color: red

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Plug-in bridge - FBSR 4-6 - 3001595

Plug-in bridge, Pitch: 6.2 mm, Number of positions: 4, Color: red

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Plug-in bridge - FBSR 5-6 - 3001596

Plug-in bridge, Pitch: 6.2 mm, Number of positions: 5, Color: red

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Plug-in bridge - FBSR 10-6 - 3033716

Plug-in bridge, Pitch: 6.2 mm, Number of positions: 10, Color: red

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Knife

Isolating plugs - P-DI - 3036783

Isolating plugs, Length: 10.8 mm, Width: 3.5 mm, Height: 23.1 mm, Color: orange

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Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

Isolating plugs - P-DI GY - 3047390

Isolating plugs, Length: 10.8 mm, Width: 3.5 mm, Height: 23.1 mm, Color: gray

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Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053

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

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Screwdriver - SZG 0,6X3,5 VDE - 1205121

Screwdriver, slot-headed, graded, for test socket screws, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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Short-circuit connector

Short-circuit connector - FBSRH 2-6 - 3033812

Short-circuit connector, Pitch: 6.2 mm, Number of positions: 2, Color: red

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Switching lock

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

Switching lock - S-MT - 3247954

Switching lock, Length: 10.5 mm, Width: 3.5 mm, Height: 23.1 mm, Color: white

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Test plug terminal block

Test plugs - MPS-MT - 0201744

Test plugs, with solder connection up to 1 mm² conductor cross section, Color: silver

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Test plugs - PS-6 - 3030996

Test plugs, Color: red

Test plugs - PS-6/2,3MM RD - 3038736

Test plugs, Color: red

Test socket

Test adapter - PAI-4-FIX-5/6 BU - 3035975

4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

Test adapter - PAI-4-FIX-5/6 OG - 3035974

4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 YE - 3035977

4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 RD - 3035976

4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 GN - 3035978

4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 BK - 3035980

4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

Test adapter - PAI-4-FIX-5/6 GY - 3035982

4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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Test adapter - PAI-4-FIX-5/6 VT - 3035979

4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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Test adapter - PAI-4-FIX-5/6 BN - 3035981

4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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Test adapter - PAI-4-FIX-5/6 WH - 3035983

4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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Additional products

Isolating plugs - P-DI - 3036783

Isolating plugs, Length: 10.8 mm, Width: 3.5 mm, Height: 23.1 mm, Color: orange

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Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

Feed-through connector - P-FIX - 3038956

Feed-through connector, Length: 10.5 mm, Width: 4 mm, Color: gray

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Component connector - P-CO - 3036796

Component connector, for installing components that can be individually selected, Nominal current: 6 A, Pitch: 5.2 mm, Length: 24.2 mm, Width: 5.2 mm, Height: 33.3 mm, Number of positions: 1, Color: gray

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Component connector - P-CO 1N4007/R-L - 3032457

Component connector, with diode1N4007, Length: 24.2 mm, Width: 5.2 mm, Height: 33.3 mm, Number of positions: 1, Color: gray

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Component connector - P-CO 1N4007/L-R - 3032460

Component connector, Length: 24.2 mm, Width: 5.2 mm, Height: 33.3 mm, Number of positions: 1, Color: gray

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Fuse plug - P-FU 5X20 - 3036806

Fuse plug, Nominal current: 6.3 A, Nominal voltage: 500 V, Width: 6.2 mm, Fuse type: G / 5 x 20, Fuse type: Glass / ceramics / ..., Mounting type: Plug-in mounting, Color: black

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Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

Fuse plug - P-FU 5X20 LED 24 - 3036819

Fuse plug, Nominal current: 6.3 A, Width: 6.2 mm, Fuse type: G / 5 x 20, Fuse type: Glass / ceramics / ..., Mounting type: Plug-in mounting, Color: black

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Fuse plug - P-FU 5X20 LED 60 - 3036822

Fuse plug, Nominal current: 6.3 A, Width: 6.2 mm, Fuse type: G / 5 x 20, Fuse type: Glass / ceramics / ..., Mounting type: Plug-in mounting, Color: black

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Fuse plug - P-FU 5X20 LA 250 - 3036835

Fuse plug, Nominal current: 6.3 A, Width: 6.2 mm, Fuse type: G / 5 x 20, Fuse type: Glass / ceramics / ..., Mounting type: Plug-in mounting, Color: black

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Fuse plug - P-FU 6,3X32 - 3046498

Fuse plug, Connection method: Plug connection, Nominal current: 10 A, Nominal voltage: 630 V, Width: 8.2 mm, Fuse type: G / 6,3 x 32, Fuse type: Glass / ceramics / ..., Mounting type: Plug-in mounting, Color: black

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Fuse plug - P-FU 6,3X32 LED 24 - 3046508

Fuse plug, Connection method: Plug connection, Nominal current: 10 A, Width: 8.2 mm, Fuse type: G / 6,3 x 32, Fuse type: Glass / ceramics / ..., Mounting type: Plug-in mounting, Color: black

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Disconnect terminal block - UT 4-TWIN-TG P/P BU - 3073047

Accessories

Fuse plug - P-FU 6,3X32 LED 60 - 3046511

Fuse plug, Connection method: Plug connection, Nominal current: 10 A, Width: 8.2 mm, Fuse type: G / 6,3 x 32, Fuse type: Glass / ceramics / ..., Mounting type: Plug-in mounting, Color: black

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Fuse plug - P-FU 6,3X32 LA 250 - 3046524

Fuse plug, Connection method: Plug connection, Nominal current: 10 A, Width: 8.2 mm, Fuse type: G / 6,3 x 32, Fuse type: Glass / ceramics / ..., Mounting type: Plug-in mounting, Color: black

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