PHŒNIX CONTACT

Test disconnect terminal block - STME 6 HV BU - 3035694

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Test disconnect terminal block, Connection method: Spring-cage connection, Cross section: 0.2 mm² -10 mm² , AWG: 24 - 10, Width: 8.2 mm, Color: blue

Why buy this product

☑ Connection of standard solar cables up to 10 mm² and with 7.5 mm outside diameter

☑ The DP-STMED 6 spacer plate ensures sufficient spacing between two adjacent diode terminal blocks

☑ A space-saving design of the same shape for compact generator connection boxes

☑ Consistent function shafts enable the simple grouping of individual PV lines using plug-in bridges

Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	4 046356 634052
Weight per Piece (excluding packing)	24.88 g
Custom tariff number	85369010
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

General

Number of levels	1
Number of connections	2
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	30 A
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III

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Technical data

General

Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	30 A (with 10 mm² conductor cross section)
Nominal current I$_N$	30 A
Nominal voltage U$_N$	1000 V
Maximum load current	30 A (with 10 mm² conductor cross section)
Open side panel	ja

Dimensions

Width	8.2 mm
Length	100.8 mm
Height NS 35/7,5	49.6 mm
Height NS 35/15	57.1 mm

Connection data

Connection in acc. with standard	IEC 60947-7-1
Connection method	Spring-cage connection
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	10 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	8
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	6 mm²
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	10
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	6 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.	1.5 mm²
Stripping length	12 mm
Internal cylindrical gage	A4

Classifications

eCl@ss

eCl@ss 4.0	27141126
eCl@ss 4.1	27141126

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Classifications

eCl@ss

eCl@ss 5.0	27141126
eCl@ss 5.1	27141126
eCl@ss 6.0	27141126
eCl@ss 7.0	27141126
eCl@ss 8.0	27141126

ETIM

ETIM 2.0	EC000902
ETIM 3.0	EC000902
ETIM 4.0	EC000902
ETIM 5.0	EC000902

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / CSA / EAC / cULus Recognized

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Ex Approvals

Approvals submitted

Approval details

UL Recognized		B	C	D
mm²/AWG/kcmil	24-8	24-8	24-8	24-8
Nominal current IN	30 A	30 A	30 A	5 A
Nominal voltage UN	600 V	300 V	300 V	600 V

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Approvals

cUL Recognized c		B	C	D
mm²/AWG/kcmil	24-8	24-8	24-8	24-8
Nominal current IN	30 A	30 A	30 A	5 A
Nominal voltage UN	600 V	300 V	300 V	600 V

CSA	B	C
mm²/AWG/kcmil	24-8	24-8
Nominal current IN	30 A	30 A
Nominal voltage UN	600 V	600 V

EAC

cULus Recognized c

Accessories

Accessories

Cover profile

Cover profile - AP-ME METER - 3034361

Cover profile, for covering terminal strips, snapped onto APT-ME cover profile carrier or APH-ME end bracket. A cover profile carrier should be positioned at the ends and at intervals of around 40 cm. Length supplied: 1 m

Cover profile - APT-ME - 3034358

Cover profile carrier for mounting on NS 35/7.5 DIN rail for attaching the cover profile AP-ME

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Accessories

Covering hood - AH-ME - 3240265

Cover, for the contact- and dust-protected encapsulation of the components

Documentation

Mounting material - ST-IL - 3039900

Operating decal for the ST terminal block

End block

End clamp - CARRIER 35-8 - 3034387

End clamp, Width: 8.2 mm, Length: 99.8 mm, Color: gray

End clamp - APH-ME - 3034374

Cover profile carrier for mounting on NS 35/7.5 DIN rail for attaching the cover profile AP-ME

End cover

End cover - D-DTME 6 - 3034426

End cover, Length: 99.8 mm, Width: 2.2 mm, Height: 49.6 mm, Color: gray

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Accessories

Spacer plate - DP PS-6 - 3036738

Spacer plate, Color: red

Jumper

Plug-in bridge - FBS 2-8 - 3030284

Plug-in bridge, Length: 29.6 mm, Width: 14.7 mm, Number of positions: 2, Color: red

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Plug-in bridge - FBS 3-8 - 3030297

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

Plug-in bridge - FBS 4-8 - 3030307

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

Plug-in bridge - FBS 5-8 - 3030310

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

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Accessories

Plug-in bridge - FBS 10-8 - 3030323

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

Plug-in bridge - FBS 6-8 - 3032470

Plug-in bridge, Number of positions: 6, Color: red

Plug-in bridge - FBS 1/3-8 - 3032363

Plug-in bridge, Number of positions: 3, Pin assignment: 1,3, Color: red

Plug-in bridge - FBS 1/4-8 - 3032376

Plug-in bridge, Number of positions: 4, Pin assignment: 1,4, Color: red

Plug-in bridge - FBS 1/3/5-8 - 3032389

Plug-in bridge, Number of positions: 5, Pin assignment: 1,3,5, Color: red

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Accessories

Plug-in bridge - FBS 1/4/7/10-8 - 3032402

Plug-in bridge, Number of positions: 10, Pin assignment: 1,4,7,10, Color: red

Plug-in bridge - FBS 1/5-8 - 3032381

Plug-in bridge, Number of positions: 5, Pin assignment: 1,5, Color: red

Plug-in bridge - FBSRH 2-8 - 3033802

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

Plug-in bridge - FBSRH 3-8 - 3033803

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

Plug-in bridge - FBSRH 4-8 - 3033804

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

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Accessories

Plug-in bridge - FBSR 2-8 - 3033808

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

Plug-in bridge - FBSR 3-8 - 3001597

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

Plug-in bridge - FBSR 4-8 - 3000585

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

Plug-in bridge - FBSR 5-8 - 3033809

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

Plug-in bridge - FBSR 10-8 - 3001599

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

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Accessories

Plug-in bridge - FBSR 16-8 - 3033816

Plug-in bridge, Number of positions: 16, Color: red

Plug-in bridge - FBSR 1/6/11/16-8 - 3033820

Plug-in bridge, non-adjacent, Number of positions: 16, Pin assignment: 1, 6, 11, 16, Color: red

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Plug-in bridge - FBSR 1/7/13/16-8 - 3033821

Plug-in bridge, non-adjacent, Number of positions: 16, Pin assignment: 1, 7, 13, 16, Color: red

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Plug-in bridge - FBSR 1/6/11/14-8 - 3033822

Plug-in bridge, non-adjacent, Number of positions: 16, Pin assignment: 1, 6, 11, 14, Color: red

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Mounting 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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Accessories

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

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

DIN rail 35 mm (NS 35)

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

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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Accessories

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

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

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

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

Screwdriver tools

Screwdriver - SZF 2-0,8X4,0 - 1204520

Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

Switch module

Operating lever - C-ME 6/1 - 3034441

Operating lever, for switching test disconnect terminal blocks on and off

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Accessories

Connecting bridge - C-ME 6/2 - 3034442

Connecting bridge, Length: 5 mm, Width: 16 mm, Height: 5 mm, Number of positions: 2, Color: orange

Connecting bridge - C-ME 6/3 - 3034390

Connecting bridge, Length: 5 mm, Width: 24.1 mm, Height: 5 mm, Number of positions: 3, Color: orange

Switching jumper

Switching jumper - SB-ME 2-8 - 3034468

Switching jumper, Length: 24.7 mm, Width: 16.4 mm, Number of positions: 2, Color: gray/orange

Switching jumper - SB-ME 2-8 - 3034468

Switching jumper, Length: 24.7 mm, Width: 16.4 mm, Number of positions: 2, Color: gray/orange

Switching jumper - SB-ME 3-8 - 3032800

Switching jumper, Length: 24.7 mm, Width: 24.6 mm, Number of positions: 3, Color: gray/orange

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Accessories

Switching jumper - SB-ME 4-8 - 3034484

Switching jumper, Length: 24.7 mm, Width: 32.8 mm, Number of positions: 4, Color: gray/orange

Switching lock

Switching lock - S-ME 6 - 3034439

Switching lock, Length: 12 mm, Width: 8.2 mm, Color: white

Test plug terminal block

Test plugs - PAI-4-FIX BU - 3032729

Test plugs, Color: blue

Test plugs - PAI-4-FIX OG - 3034455

Test plugs, Color: orange

Test plugs - PAI-4-FIX YE - 3032745

Test plugs, Color: yellow

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Accessories

Test plugs - PAI-4-FIX RD - 3032732

Test plugs, Color: red

Test plugs - PAI-4-FIX GN - 3032758

Test plugs, Color: green

Test plugs - PAI-4-FIX BK - 3032774

Test plugs, Color: black

Test plugs - PAI-4-FIX GY - 3032790

Test plugs, Color: gray

Test plugs - PAI-4-FIX VT - 3032761

Test plugs, Color: violet

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Accessories

Test plugs - PAI-4-FIX BN - 3032787

Test plugs, Color: brown

Test plugs - PAIS-4-FIX GY - 3032791

Test plugs, Color: gray

Test plugs - PAIS-4-FIX BK - 3032792

Test plugs, Color: black

Test plugs - PAIS-4-FIX RD - 3032793

Test plugs, Color: red

Test plugs - PS-6 - 3030996

Test plugs, Color: red

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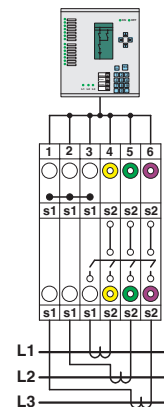
Test plugs - PS-6/2,3MM RD - 3038736

Test plugs, Color: red
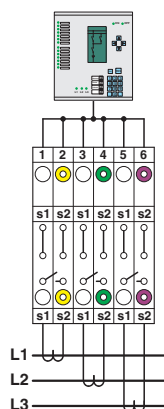
Drawings
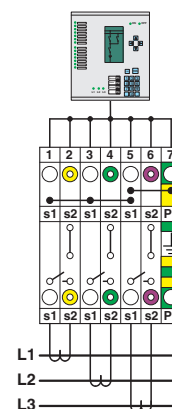
Circuit diagram

Schematic diagram

Interlinked three-phase current transformer set

Schematic diagram

Simple three-phase current transformer set

Schematic diagram

Interlinked three-phase current transformer set with grounded star point