Component terminal block - STME 6-DIO/L-R HV - 3035691

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

Product Features

- 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	1 1
Minimum order quantity	50 1
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	5 A
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I

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Technical data

General

Nominal current I_N	5 A
Nominal voltage U_N	1000 V
Open side panel	ja
Surge voltage test setpoint	9.8 kV
Result of surge voltage test	Test passed
Power frequency withstand voltage setpoint	2.2 kV
Result of power-frequency withstand voltage test	Test passed
Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed
Bending test conductor cross section/weight	0.2 mm² / 0.2 kg
	6 mm^2 / 1.4 kg
	10 mm² / 2 kg
Result of bending test	Test passed
Conductor cross section tensile test	0.2 mm²
Tractive force setpoint	10 N
Conductor cross section tensile test	6 mm²
Tractive force setpoint	80 N
Conductor cross section tensile test	10 mm²
Tractive force setpoint	90 N
Tensile test result	Test passed
Tight fit on carrier	NS 35
Setpoint	5 N
Result of tight fit test	Test passed
Result of aging test	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	f_1 = 5 Hz to f_2 = 150 Hz
ASD level	1.857 $(m/s^2)^2$/Hz
Acceleration	0.8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g

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Technical data

General

Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C

Dimensions

Width	8.2 mm
Length	100.8 mm
Height NS 35/7,5	60 mm
Height NS 35/15	67.5 mm

Connection data

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
Connection method	Spring-cage connection
Stripping length	12 mm
Internal cylindrical gage	A4

Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120

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Classifications

eCl@ss

eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

ETIM

ETIM 4.0	EC000897
ETIM 5.0	EC000903

UNSPSC

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

Approvals

Approvals

Approvals

GOST / GOST

Ex Approvals

Approvals submitted

Approval details

GOST

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Approvals

GOST

Accessories

Accessories

Bridge

Plug-in bridge - FBS 2-8 - 3030284

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

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

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

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

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 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

Plug-in bridge - FBSR 16-8 - 3033816

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

Cover profile

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Accessories

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

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Cover profile - APH-ME - 3034374

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

Cover profile - APT-ME - 3034358

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

Covering hood - AH-ME - 3240265

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

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Documentation

Mounting material - ST-IL - 3039900

Operating decal for the ST terminal block

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Accessories

End cover

End cover - D-DTME 6 - 3034426

Cover, width: 2.2 mm, color: gray

Spacer plate - DP PS-6 - 3036738

Spacer plate, Color: red

Flange

End clamp - CARRIER 35-8 - 3034387

End clamp, Width: 8.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

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 - 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 - 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

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DIN rail - 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 - 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 - 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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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

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Test plug terminal block

Test adapter - PAI-4-FIX BU - 3032729

Test adapter, Color: blue

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Accessories

Test adapter - PAI-4-FIX OG - 3034455

Test adapter, Color: orange

Test adapter - PAI-4-FIX YE - 3032745

Test adapter, Color: yellow

Test adapter - PAI-4-FIX RD - 3032732

Test adapter, Color: red

Test adapter - PAI-4-FIX GN - 3032758

Test adapter, Color: green

Test adapter - PAI-4-FIX BK - 3032774

Test adapter, Color: black

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Accessories

Test adapter - PAI-4-FIX GY - 3032790

Test adapter, Color: gray

Test adapter - PAI-4-FIX VT - 3032761

Test adapter, Color: violet

Test adapter - PAI-4-FIX BN - 3032787

Test adapter, Color: brown

Test adapter - PS-6 - 3030996

Test adapter, Color: red

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

Test plugs, Color: red

Drawings

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Circuit diagram

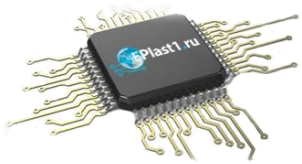
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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