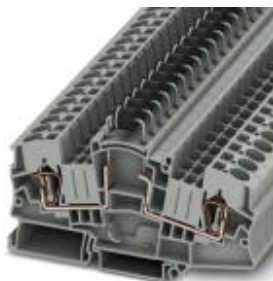


## Component terminal block - STME 6-DIO/R-L HV - 3035692

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Component terminal block, Connection method: Spring-cage connection, Cross section: 0.2 mm<sup>2</sup> -10 mm<sup>2</sup> , AWG: 24 - 10, Width: 8.2 mm, Color: gray

### Why buy this product

- Connection of standard solar cables up to 10 mm<sup>2</sup> and with 7.5 mm outside diameter
- A space-saving design of the same shape for compact generator connection boxes
- The DP-STMED 6 spacer plate ensures sufficient spacing between two adjacent diode terminal blocks
- 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 609807
Weight per Piece (excluding packing)	26.82 g
Custom tariff number	85369010
Country of origin	Poland
Note	Made to Order (non-returnable)

### Technical data

#### General

Note	If several diode terminal blocks need adding to the DIN rail, a spacer plate must be placed between them.
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

# Component terminal block - STME 6-DIO/R-L HV - 3035692

## Technical data

### General

Surge voltage category	III
Insulating material group	I
Maximum load current	5 A (with 10 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	1000 V
Maximum load current	5 A (with 10 mm <sup>2</sup> conductor cross section)
Open side panel	ja

### 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

Connection method	Spring-cage connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max.	8
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	6 mm <sup>2</sup>
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 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>
Stripping length	12 mm
Internal cylindrical gage	A4

## Classifications

### eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120

# Component terminal block - STME 6-DIO/R-L HV - 3035692

## Classifications

### eCl@ss

eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141127

### 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

EAC / UL Recognized / cUL Recognized / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

EAC
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UL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	24-8	24-8
Nominal current I <sub>N</sub>	5 A	5 A
Nominal voltage U <sub>N</sub>	600 V	600 V

# Component terminal block - STME 6-DIO/R-L HV - 3035692

## Approvals

cUL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	24-8	24-8
Nominal current I <sub>N</sub>	5 A	5 A
Nominal voltage U <sub>N</sub>	600 V	600 V

cULus Recognized		
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## 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

Covering hood - AH-ME - 3240265



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

## Documentation

## Component terminal block - STME 6-DIO/R-L HV - 3035692

### Accessories

Mounting material - ST-IL - 3039900

Operating decal for the ST terminal block



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### 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



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### End cover

End cover - D-DTME 6 - 3034426

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



Spacer plate - DP PS-6 - 3036738

Spacer plate, Color: red



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### Jumper

## Component terminal block - STME 6-DIO/R-L HV - 3035692

### Accessories

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

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Plug-in bridge - FBS 4-8 - 3030307



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

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Plug-in bridge - FBS 5-8 - 3030310



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

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Plug-in bridge - FBS 10-8 - 3030323



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

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## Component terminal block - STME 6-DIO/R-L HV - 3035692

### Accessories

Plug-in bridge - FBS 6-8 - 3032470



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

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



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

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



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

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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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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

---

## Component terminal block - STME 6-DIO/R-L HV - 3035692

### Accessories

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



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

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Plug-in bridge - FBSRH 2-8 - 3033802



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

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Plug-in bridge - FBSRH 3-8 - 3033803



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

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Plug-in bridge - FBSRH 4-8 - 3033804



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

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Plug-in bridge - FBSR 2-8 - 3033808



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

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## Component terminal block - STME 6-DIO/R-L HV - 3035692

### Accessories

Plug-in bridge - FBSR 3-8 - 3001597



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

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Plug-in bridge - FBSR 4-8 - 3000585



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

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Plug-in bridge - FBSR 5-8 - 3033809



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

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Plug-in bridge - FBSR 10-8 - 3001599



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

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Plug-in bridge - FBSR 16-8 - 3033816



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

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### Mounting rail

## Component terminal block - STME 6-DIO/R-L HV - 3035692

### Accessories

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)

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



DIN rail 35 mm (NS 35)

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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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## Component terminal block - STME 6-DIO/R-L HV - 3035692

### Accessories

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



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

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### 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

## Component terminal block - STME 6-DIO/R-L HV - 3035692

### Accessories

Test plugs - PAI-4-FIX BU - 3032729



Test plugs, Color: blue

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Test plugs - PAI-4-FIX OG - 3034455



Test plugs, Color: orange

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Test plugs - PAI-4-FIX YE - 3032745



Test plugs, Color: yellow

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Test plugs - PAI-4-FIX RD - 3032732



Test plugs, Color: red

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Test plugs - PAI-4-FIX GN - 3032758



Test plugs, Color: green

---

## Component terminal block - STME 6-DIO/R-L HV - 3035692

### Accessories

Test plugs - PAI-4-FIX BK - 3032774



Test plugs, Color: black

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Test plugs - PAI-4-FIX GY - 3032790



Test plugs, Color: gray

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Test plugs - PAI-4-FIX VT - 3032761



Test plugs, Color: violet

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Test plugs - PAI-4-FIX BN - 3032787



Test plugs, Color: brown

---

Test plugs - PAIS-4-FIX GY - 3032791



Test plugs, Color: gray

---

## Component terminal block - STME 6-DIO/R-L HV - 3035692

### Accessories

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



Test plugs, Color: red

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### Necessary add-on products

Spacer plate - DP-STMED 6 - 3035690



Spacer plate, Length: 100.8 mm, Width: 8.2 mm, Color: gray

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### Drawings

## Component terminal block - STME 6-DIO/R-L HV - 3035692

Circuit diagram



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