

# STME 6-BE - Component terminal block



3035688

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Component terminal block, If several diode terminal blocks need adding to the DIN rail, a spacer plate must be placed between them., for installing components that can be individually selected, nom. voltage: 500 V, nominal current: 30 A, connection method: Spring-cage connection, Rated cross section: 6 mm<sup>2</sup>, cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup> , color: gray

## Commercial data

Item number	3035688
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE02
Product key	BE2171
GTIN	4046356743655
Weight per piece (including packing)	21.598 g
Weight per piece (excluding packing)	21.598 g
Customs tariff number	85369010
Country of origin	PL

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## Technical data

### Product properties

Product type	Component terminal block
Number of connections	2
Number of rows	1
Potentials	1

### Electrical properties

Maximum power dissipation for nominal condition	1.31 W
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### Connection data

Number of connections per level	2
Nominal cross section	6 mm <sup>2</sup>
Connection method	Spring-cage connection
Stripping length	12 mm
Internal cylindrical gage	A4
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Cross section AWG	24 ... 8 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 6 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Nominal cross section	6 mm <sup>2</sup>
Nominal current	30 A (the current is determined by the component used)
Nominal voltage	500 V (the voltage is determined by the component used)

### Dimensions

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

### Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3

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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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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

## Mechanical properties

### Mechanical data

Open side panel	Yes
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## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

## Mounting

Mounting type	NS 35/7,5
	NS 35/15

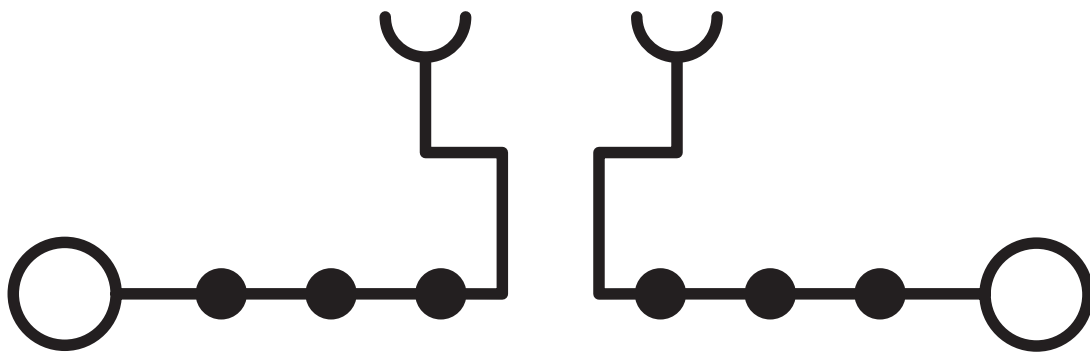
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## Drawings

Circuit diagram



Circuit diagram



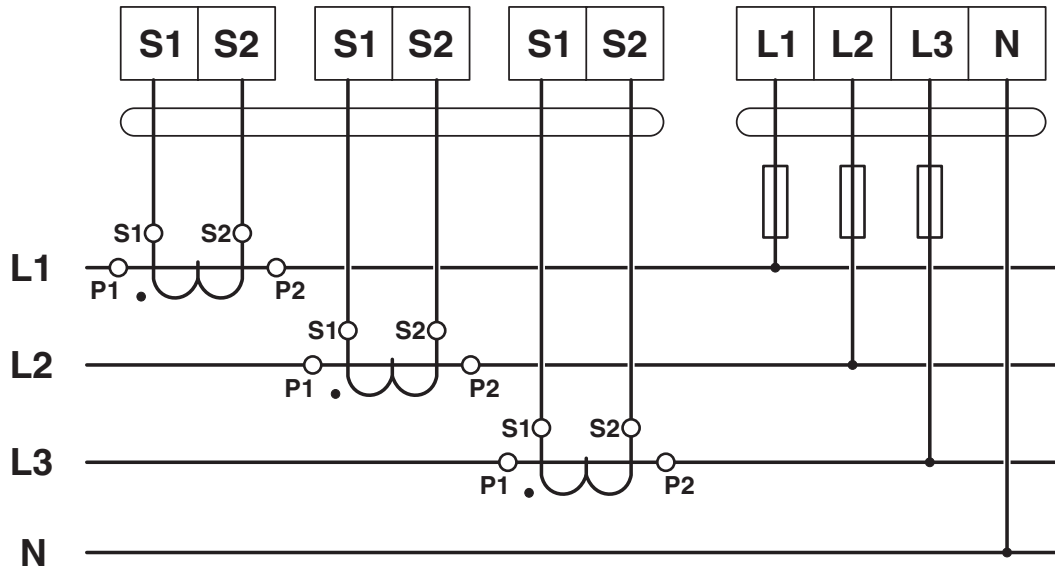
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Circuit diagram



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## Approvals

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**EAC**

Approval ID: RU C-DE.BL08.B.00644



**EAC**

Approval ID: KZ7500651131219505

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## Classifications

### ECLASS

ECLASS-13.0	27250114
ECLASS-15.0	27250114

### ETIM

ETIM 10.0	EC000898
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	0.12 kg CO2e
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