

### Product image



Our potential equalisation terminal blocks allow you to achieve reliably integrated potential equalisation, even in extended systems.

### General ordering data

Version	Potential distributor terminal, Screw connection, Brass coloured, 50 mm <sup>2</sup> , 0 A, Number of connections: 3, Number of levels: 1
Order No.	<a href="#">1547490000</a>
Type	EBB 25-50/16
GTIN (EAN)	4050118387438
Qty.	10 items

## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UR)	E60693

## Dimensions and weights

Depth	24 mm	Depth (inches)	0.9449 inch
Height	45.5 mm	Height (inches)	1.7913 inch
Width	20 mm	Width (inches)	0.7874 inch
Net weight	122.26 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	cdce83c3-e2d5-438e-931b-ad30cb93849e

## Material data

Basic material	Brass	Colour	Brass coloured
UL 94 flammability rating	None		

## System specifications

End cover plate required	No	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Levels cross-connected internally	No	PE connection	Yes
Mounting rail	Mounting plate	PE function	Yes

## Additional technical data

Installation advice	Direct mounting	Explosion-tested version	No
Type of mounting	when screwed in		

## Conductors for clamping (additional connection)

Clamping range, further connection, max.	16 mm <sup>2</sup>	Clamping range, further connection, min.	6 mm <sup>2</sup>
Connection type, additional connection	Screw connection		

## Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 1	Connection direction	on side
Tightening torque, min.	5 Nm	Stripping length	20 mm

## Technical data

Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	3	Clamping range, max.	50 mm <sup>2</sup>
Clamping range, min.	10 mm <sup>2</sup>	Clamping screw	M 6
Wire connection cross section AWG, min.	AWG 8	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	10 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	10 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	50 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	10 mm <sup>2</sup>	Connection cross-section, stranded, max.	50 mm <sup>2</sup>
Connection cross-section, stranded, min.	10 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	50 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	10 mm <sup>2</sup>		

### General

Wire connection cross section AWG, max.	AWG 1	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 8	Standards	IEC 60947-7-2
Mounting rail	Mounting plate		

### Rating data

Rated cross-section	50 mm <sup>2</sup>	Nominal current	0 A
Standards	IEC 60947-7-2	Pollution severity	3

### UL rating data

Conductor size Factory wiring max. (UR)	6 AWG	Conductor size Factory wiring min. (UR)	10 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	10 AWG
Conductor size Field wiring max. (UR)	6 AWG		

### Important note

Product information	Qualified in acc. IEC 60947-7-2. Can be used for functional equipotential bonding and protective equipotential bonding. Mounting on cable trench with M6x9 screw
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### Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		