

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 ² , 0 A, Number of connections: 3, Number of levels: 1
Order No.	1547490000
Type	EBB 25-50/16
GTIN (EAN)	4050118387438
Qty.	10 items

Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
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 ²	Clamping range, further connection, min.	6 mm ²
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 ²
Clamping range, min.	10 mm ²	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 ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	10 mm ²	Wire connection cross section, finely stranded, max.	50 mm ²
Wire connection cross section, finely stranded, min.	10 mm ²	Connection cross-section, stranded, max.	50 mm ²
Connection cross-section, stranded, min.	10 mm ²	Wire connection cross-section, solid core, max.	50 mm ²
Wire connection cross-section, solid core, min.	10 mm ²		

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 ²	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		

Accessories

Socket wrench sets



Allen key made from fully hardened, high-alloy chromium-vanadium- steel, acc. to DIN ISO 2936 L (DIN 911), high-quality refined surface.

General ordering data

Type	SK WSD-S 1,5-10,0	Version	
Order No.	9008850000	Mounting tool	
GTIN (EAN)	4032248266609		
Qty.	1 ST		