

EBB 25-50/16**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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 pc(s).

Creation date March 12, 2025 5:41:56 PM CET

Catalogue status 01.03.2025 / We reserve the right to make technical changes.

EBB 25-50/16
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data
Dimensions and weights

Depth	24 mm	Depth (inches)	0.945 inch
Height	45.5 mm	Height (inches)	1.791 inch
Width	20 mm	Width (inches)	0.787 inch
Net weight	122.256 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-40°C bis +75°C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

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
Rail	Mounting plate	PE function	Yes

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
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)

Clamping range, max.	50 mm ²	Clamping range, min.	10 mm ²
Clamping screw	M 6	Connection cross-section, stranded, max.	50 mm ²
Connection direction	on side	Number of connections	3
Stripping length	20 mm	Tightening torque, min.	5 Nm
Type of connection	Screw connection	Type of connection 2	Screw connection
Wire connection cross section AWG, max.	AWG 1	Wire connection cross section AWG, min.	AWG 8
Wire connection cross section, finely stranded, max.	50 mm ²	Wire connection cross section, finely stranded, 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 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, solid core, max.	50 mm ²		

Creation date March 12, 2025 5:41:56 PM CET

Catalogue status 01.03.2025 / We reserve the right to make technical changes.

EBB 25-50/16

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

General

Installation advice	Direct mounting	Rail	Mounting plate
Wire connection cross section AWG, max.	AWG 1	Wire connection cross section AWG, min.	AWG 8

Rating data

Rated cross-section	50 mm ²	Rated current	0 A
Pollution severity	3		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-19
ECLASS 14.0	27-25-01-19		

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

Important note

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

Approvals

ROHS	Conform
------	---------

Downloads

Engineering Data	CAD data – STEP
Technical Documentation	Drawing
User Documentation	Beipackzettel_WPAK.pdf StorageConditionsTerminalBlocks TI 878 WPAK Abisolierlänge Produktinformation WPAK DE
Catalogues	Catalogues in PDF-format
Brochures	

EBB 25-50/16

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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 pc(s).	