

JB 25-50

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: 2, Number of levels: 1
Order No.	1547500000
Type	JB 25-50
GTIN (EAN)	4050118387445
Qty.	10 items

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Technical data

Approvals

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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Dimensions and weights

Depth	24 mm	Depth (inches)	0.9449 inch
Height	32 mm	Height (inches)	1.2598 inch
Width	33 mm	Width (inches)	1.2992 inch
Net weight	134.5 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	233a6569-7068-4d0c-aa40-90d1ca672d0b

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)

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	33 mm
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	2	Clamping range, max.	50 mm ²

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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, min.	10 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	50 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

Certificate No. (UR)	E60693
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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		