Data sheet

JB 25-50 TH

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

www.weidmueller.com



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 mm², 0 A, Number of connections: 2, Number of levels: 1
Order No.	2762660000
Type	JB 25-50 TH
GTIN (EAN)	4064675267706
Qty.	10 items

Data sheet

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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	32 mm	Height (inches)	1.2598 inch
Width	33 mm	Width (inches)	1.2992 inch
Net weight	50 g		

Temperatures

Ambient temperature	-60 °C...85 °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

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, max.	3 Nm	Stripping length	33 mm
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	2	Clamping range, max.	50 mm²

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Clamping range, min.	10 mm²	Clamping screw	M 4
Wire connection cross section AWG, min.	AWG 8	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	10 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	50 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	10 mm²
Wire connection cross-section, finely stranded, max.	50 mm²	Wire connection cross section, finely stranded, min.	10 mm²
Connection cross-section, stranded, max.	50 mm²	Connection cross-section, stranded, min.	10 mm²
Wire connection cross-section, solid core, max.	50 mm²	Wire connection cross-section, solid core, min.	10 mm²

General

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

Rating data

Rated cross-section	50 mm²	Nominal current	0 A
Standards	IEC 60947-7-2	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693

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		