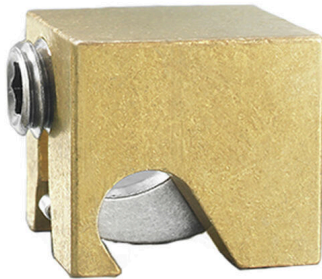


FB 16-50**Weidmüller Interface GmbH & Co. KG**

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: 1, Number of levels: 1
Order No.	2623930000
Type	FB 16-50
GTIN (EAN)	4050118627435
Qty.	15 items
Delivery status	This article will no longer be available in the future.
Last order date	2025-08-30T00:00:00+02:00
Alternative product	EBB 25-50/16 AM

FB 16-50

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	24 mm	Depth (inches)	0.9449 inch
Height	22.5 mm	Height (inches)	0.8858 inch
Width	20 mm	Width (inches)	0.7874 inch
Net weight	72.63 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	ece319d2-8755-41b0-a1ed-1eb1fd7f66ec

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	1	Clamping range, max.	50 mm ²
Clamping range, min.	16 mm ²	Clamping screw	M 6
Wire connection cross section AWG, min.	AWG 6	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	16 mm ²

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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.	16 mm ²
Wire connection cross section, finely stranded, max.	50 mm ²	Wire connection cross section, finely stranded, min.	16 mm ²
Connection cross-section, stranded, max.	50 mm ²	Connection cross-section, stranded, min.	16 mm ²
Wire connection cross-section, solid core, max.	50 mm ²	Wire connection cross-section, solid core, min.	16 mm ²

General

Wire connection cross section AWG, max.	AWG 1	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 6	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

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		