

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

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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	-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	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
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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		