

W-Series
WMF 2.5 DI PE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

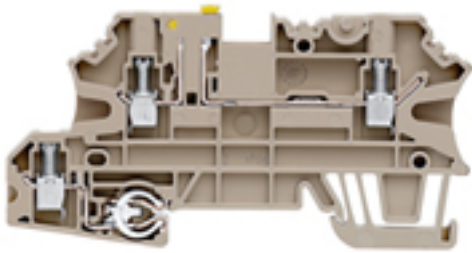
D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-2083

www.weidmueller.com



Weidmüller's new WMF (Weidmüller Multi-Functional) line of terminal blocks provide a multi-functional solution for routing and distributing signals. This space-saving terminal combines all the necessary functionality into a single solution. It features an integrated shield connection and can be used with feed-through, fuse and disconnect functionality. The three cross-connection channels and wide variety of labelling options offer additional flexibility.

General ordering data

Order No.	1143030000
Type	WMF 2.5 DI PE
Version	W-Series, Test-disconnect terminal, Rated cross-section: 2.5 mm ² , Screw connection, Direct mounting
GTIN (EAN)	4032248926114
Qty.	50 pc(s).

W-Series
WMF 2.5 DI PE

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-2083

www.weidmueller.com

Technical data
Dimensions

Length	88 mm	Width	5.08 mm
Height	44.5 mm	Height of lowest version	45 mm

Temperatures

Operating temperature	Storage temperature
-----------------------	---------------------

Additional technical data

Installation advice	Direct mounting	Open sides	right
Type of mounting	TS 35		

CSA ratings data

Certificate No. (CSA)	200039-1057876	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Voltage size D (CSA)	600 V
Current size B (CSA)	19 A	Current size C (CSA)	19 A
Current size D (CSA)	5 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	10 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Number of connections	3	Clamping range, rated connection, min.	0.5 mm ²
Clamping range, rated connection, max.	4 mm ²	Clamping screw	M 3
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Gauge to IEC 60947-1	A3	Wire connection cross section, solid core, max. rated connection	0.5 mm ²
Wire connection cross section, solid core max. rated connection	4 mm ²	Wire connection cross section, stranded, rated connection, min.	1.5 mm ²
Wire connection cross section, stranded, rated connection, max.	4 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross-section, finely stranded, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm ²	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm ²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 12		

Rated data

Rated cross-section	2.5 mm ²	Rated voltage	250 V
Rated impulse withstand voltage	8 kV	Rated current	20 A
Current at maximum wires	20 A	Pollution severity	3
Surge voltage category	III		

**W-Series
WMF 2.5 DI PE**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com

Technical data

UL ratings data

Certificate No. (cURus)	E60693VOL1SEC95	Current size B (cURus)	19 A
Current size C (cURus)	19 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V	Wire cross section max. (cURus)	12 AWG

Material data

Material	Wemid	Colour	dark beige
Flammability class UL 94	V-0		

System specifications

Product family	W-Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	2
Number of connections	3	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000902	ETIM 4.0	EC000902
eClass 6.0	27-14-11-26		

Approvals

Approvals



W-Series
WMF 2.5 DI PE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com

Drawings

Circuit diagram

