

**W terminal earth terminal
WPE 16**

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



The PE terminals are available in two types, standard and compact (N), with rated cross-sections from 1.5 mm² to 150 mm² (e.g. 2.5 mm² - WPE 2.5, or 4 mm² - WPE 4N).

General ordering data

Order No.	1010400000
Part designation	WPE 16
Version	W terminal earth terminal, Earth terminal, Rated cross-section: 16 mm ² , Direct mounting
GTIN (EAN)	4008190126674
Qty.	50 pc(s).

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Technical data

Dimensions

Length	56 mm	Width	11.9 mm
Height of lowest version	63 mm		

Temperature

Ambient temperature (operational)	Storage temperature
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CSA ratings data

Certificate no.	200039-1888378	Conductor cross-section, max.	6 AWG
Conductor cross-section, min.	14 AWG		

UL ratings data

Certificate no.	E60693VOL1SEC38	Conductor size Factory wiring, max	4 AWG
Conductor size Factory wiring, min	14 AWG	Conductor size Field wiring, max	4 AWG

IECEX/ATEX rating data

Certificate no.	KEMA98ATEX1683U	ATEX certificate	KEMA98ATEX1683U_d.pdf
ATEX certificate	KEMA98ATEX1683U_e.pdf	Certificate no.	IECEXULD05.0008U
IEC Ex certificate	IECEXULD05.0008U_e.pdf	Conductor cross-section, max.	16 mm ²
Conductor cross-section, max.	16 mm ²	Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex e II

Material data

Material	Wemid	Colour	yellow green
Flammability class UL 94	V-0		

System specifications

Product family	W terminal earth terminal	Connection direction	on side
Number of levels	1	No. of connections	2
No. of clamping points per level	2	Levels cross-connected internally	No
Mounting rail	TS 35	End cover plate required	No

Additional technical data

Explosion-tested version	Yes	Installation advice	Direct mounting
Number of identical terminals	1	Open sides	closed
Type of mounting	Screwed		

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Technical data

Conductors for clamping (rated connection)

Stripping length	16 mm	Connection direction	on side
No. of connections	2	Clamping range, min.	1.5 mm ²
Clamping range, max.	25 mm ²	Gauge to IEC 60947-1	B7
Conductor cross-section, solid, min.	1.5 mm ²	Conductor cross-section, solid, max.	16 mm ²
Stranded, min.	1.5 mm ²	Stranded, max.	25 mm ²
Conductor cross-section, flexible, max.	25 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, min.	1.5 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, max.	16 mm ²	Conductor cross-section, flexible AEH plus plastic collar DIN 46228/4, rated connection, min.	1.5 mm ²
Conductor cross-section, flexible AEH plus plastic collar DIN 46228/4, rated connection, max.	16 mm ²		

Rating data

Rated cross-section	16 mm ²	Standards	IEC 60947-7-2
Pollution severity	3		

Sizes

TS 35 offset	32 mm
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Approvals

Approvals institutes	BURVER; CSA; CSAEX; CURUSEX; DETNORVER; GERMLLOYD; GOSTEX; GOSTME25; IECEXULD; KEMAATEX; KEMAKEUR; LLOYDSREG; MARITREG; NEMKO; RINA; UR; CE; ROHS
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Classifications

ETIM 2.0	EC000901	ETIM 3.0	EC000901
UNSPSC	30-21-18-11	eClass 4.1	27-14-03-05
eClass 5.1	27-14-03-05	eClass 6.0	27-14-03-05

Product notes

Note, accessories	Rail support for insulated installation of terminal rail "SH 2" order no. 0494920000 (10 pcs)
Product description	Identical profiles from 2.5 to 10 mm ² with uniform end and partition plates. An unsurpassed combination of many advantages! Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

Downloads

DXF	09237_WPE_16_DXF.dxf
STEP	1010400000_09237_WPE_16_STP.stp
	3D model

Datasheet

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Drawings

