

**W terminal earth terminal
WPE 70/95**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
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 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.	1037300000
Part designation	WPE 70/95
Version	W terminal earth terminal, Earth terminal, Rated cross-section: 95 mm ² , Direct mounting
GTIN (EAN)	4008190495664
Qty.	10 pc(s).

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Technical data
Dimensions

Length	132 mm	Width	27 mm
Height of lowest version	108 mm		

Temperature

Ambient temperature (operational)	Storage temperature
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CSA ratings data

Certificate no.	12400-382	Conductor cross-section, max.	00 AWG
Conductor cross-section, min.	6 AWG		

UL ratings data

Certificate no.	E60693VOL1SEC38	Conductor size Factory wiring, max	00 AWG
Conductor size Factory wiring, min	6 AWG	Conductor size Field wiring, max	00 AWG

IECEX/ATEX rating data

Certificate no.	KEMA98ATEX1686U	ATEX certificate	KEMA98ATEX1686U_d.pdf
ATEX certificate	KEMA98ATEX1686U_e.pdf	Conductor cross-section, max.	70 mm ²
Voltage when using cross-connections		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	CrossConnectionGuide.pdf		
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	30 mm	Connection direction	on side
No. of connections	2	Clamping range, min.	13.3 mm ²
Clamping range, max.	120 mm ²	Gauge to IEC 60947-1	B12
Conductor cross-section, solid, min.	16 mm ²	Conductor cross-section, solid, max.	16 mm ²
Stranded, min.	16 mm ²	Stranded, max.	120 mm ²
Conductor cross-section, flexible, max.	95 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, min.	16 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, max.	95 mm ²	Conductor cross-section, flexible AEH plus plastic collar DIN 46228/4, rated connection, min.	35 mm ²
Conductor cross-section, flexible AEH plus plastic collar DIN 46228/4, rated connection, max.	50 mm ²		

Rating data

Rated cross-section	95 mm ²	Standards	IEC 60947-7-2
Pollution severity	3		

Sizes

TS 35 offset	31.5 mm
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Approvals

Approvals institutes	CSA; GOSTEX; GOSTME25; KEMAATEX; KEMAKEUR; UR; CE
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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	Large conductor cross-sections do not require a great force to insert them into the clamping point, but instead can be easily and quickly placed in the modular terminal. Every type of terminal is available in both single and block forms. All blocks are screwed permanently together and therefore provide additional torsional rigidity. Direct mounting is possible thanks to the elongated holes on the underside of the terminal.

Datasheet

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Drawings

