

**W terminal earth terminal  
WPE 6**

**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 mm<sup>2</sup> to 150 mm<sup>2</sup> (e.g. 2.5 mm<sup>2</sup> - WPE 2.5, or 4 mm<sup>2</sup> - WPE 4N).

**General ordering data**

Order No.	<a href="#">1010200000</a>
Part designation	WPE 6
Version	W terminal earth terminal, Earth terminal, Rated cross-section: 6 mm <sup>2</sup> , Direct mounting
GTIN (EAN)	4008190090098
Qty.	50 pc(s).

**W terminal earth terminal  
WPE 6**

**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	56 mm	Width	7.9 mm
Height of lowest version	47 mm		

**Temperature**

Ambient temperature (operational)	Storage temperature
-----------------------------------	---------------------

**CSA ratings data**

Certificate no.	200039-1888378	Conductor cross-section, max.	8 AWG
Conductor cross-section, min.	20 AWG		

**UL ratings data**

Certificate no.	E60693VOL1SEC38	Conductor size Factory wiring, max	8 AWG
Conductor size Factory wiring, min	20 AWG	Conductor size Field wiring, max	8 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.	6 mm <sup>2</sup>
Conductor cross-section, max.	6 mm <sup>2</sup>	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		

## W terminal earth terminal WPE 6

**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

### Conductors for clamping (rated connection)

Stripping length	12 mm	Connection direction	on side
No. of connections	2	Clamping range, min.	0.08 mm <sup>2</sup>
Clamping range, max.	10 mm <sup>2</sup>	Gauge to IEC 60947-1	A5
Conductor cross-section, solid, min.	0.5 mm <sup>2</sup>	Conductor cross-section, solid, max.	10 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>	Stranded, max.	10 mm <sup>2</sup>
Conductor cross-section, flexible, max.	10 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>
Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, max.	6 mm <sup>2</sup>	Conductor cross-section, flexible AEH plus plastic collar DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>
Conductor cross-section, flexible AEH plus plastic collar DIN 46228/4, rated connection, max.	6 mm <sup>2</sup>		

### Rating data

Rated cross-section	6 mm <sup>2</sup>	Standards	IEC 60947-7-2
Pollution severity	3		

### Sizes

TS 35 offset	50 mm
--------------	-------

### Approvals

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

### 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 <sup>2</sup> 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	<a href="#">09235_WPE_6_DXF.dxf</a>
STEP	<a href="#">1010200000_09235_WPE_6_STP.stp</a>
<a href="#">3D model</a>	

**Datasheet**

**W terminal earth terminal  
WPE 6**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

