

#### General ordering data

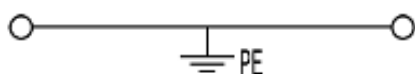
Order No.	1010300000
Short text for material	WPE 10
EAN	4008190031251
Qty	50

#### Product notes

Note, technical data	AWG 6/7 and H07V-R16 conductors require a tightening torque of 2.4 Nm.
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#### Additional technical data

No. of identical terminals	1
Type of connection	screwed
Type of mouting	screwed
Version	PE terminal
Installation advice	TS 35
UL 94 flammability rating of insulation material	V-0
Insulating material	Wemid
Colour of insulating material	green/yellow
Operating temperature range	- 50 °C, + 120 °C
Open sides	closed
No. of levels	1
Product range	W-Series
No. of terminal strips per level	2
End plate required	No
Connection direction	on side



#### CSA rating data

Max. cross-section (CSA)	AWG 6
Min. cross-section (CSA)	AWG 16

**Conductors for clamping (rated connection)**

Stripping length	12 mm
Type of connection	Screw connection
No. of connections	2
Tightening torque range	1.2...2.4 Nm
Solid, max.	16 mm <sup>2</sup>
Flexible, max.	16 mm <sup>2</sup>
flexible w. ferrule AEH, max. DIN 46228-1	16 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	16 mm <sup>2</sup>
flexible w. ferrule AEH, min. DIN 46228-1	1,5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1,5 mm <sup>2</sup>
Clamping range, max.	16 mm <sup>2</sup>
Clamping range, min.	1,31 mm <sup>2</sup>
Clamping screw	M 4
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	B6
AWG conductor size, max.	16,00 mm <sup>2</sup>
AWG conductor size, max.	AWG 8
Stranded, max.	16 mm <sup>2</sup>
Stranded, min.	1,5 mm <sup>2</sup>
AWG conductor size, min.	1,31 mm <sup>2</sup>
AWG conductor size, min.	AWG 16
Connection direction	on side
Flexible, min.	1,5 mm <sup>2</sup>
2nd type of connection	screwed
Solid, min.	1,5 mm <sup>2</sup>

**Dimensions**

Length	60 mm
Height of lowest version	47 mm
Width	9,9 mm

**EN 60079-7 rating data**

Marking EN 60079-7	Ex e II
EC conformity verification certificate	KEMA 98ATEX1683 U
Marking ATEX Directive 94/9/EC	II 2 G D
Marking ATEX Directive 94/9/EC	Ex II 2 G D

**PE rating data**

Tightening torque range for fixing screw	0.5...1.0 Nm
Rated short-time current	1200 A (10 mm <sup>2</sup> )
Rated impulse withstand voltage to adjacent terminal	8 kV
PEN function	No
Norm	IEC 60947-7-2
Pollution severity	3
Rated cross-section	10 mm <sup>2</sup>
Centre screw on PE terminals	M 3
Rated voltage for adjacent terminal	800 V

**UL rating data**

Max. cross-section (UL)	AWG 6
Min. cross-section (UL)	AWG 16

**Approvals**

Approvals

**Downloads**

DXF	09236_WPE_10_DXF.dxf
STEP	1010300000_09236_WPE_10_STP.

**Classifications**

ETIM 2.0	EC000901
ETIM 3.0	EC000901
eClass 4.1	27-14-03-05
eClass 5.0	27-14-03-05
eClass 5.1	27-14-03-05

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.

**Related products**

Order No.	Short text for material
1036300000	WDK 2.5PE
1752520000	WDK 2.5PE/E
1016500000	WPE 1.5/ZZ
1042500000	WPE 10/ZR
1019700000	WPE 120/150
1010400000	WPE 16
1010000000	WPE 2.5
1016400000	WPE 2.5/1.5/ZR
1010500000	WPE 35

1010100000	WPE 4
1010200000	WPE 6
1037300000	WPE 70/95