



General ordering data

Order No.	1010400000
Short text for material	WPE 16
EAN	4008190126674
Qty	50

Product notes

Note, technical data	Use TS 35x15 (steel, 1.5 mm thick) for 25 mm ² conductors.
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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 14

Conductors for clamping (rated connection)

Stripping length	16 mm
Type of connection	Screw connection
No. of connections	2
Tightening torque range	2.0...4.0 Nm
Solid, max.	16 mm ²
Flexible, max.	25 mm ²
flexible w. ferrule AEH, max. DIN 46228-1	16 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	16 mm ²
flexible w. ferrule AEH, min. DIN 46228-1	1,5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1,5 mm ²
Clamping range, max.	25 mm ²
Clamping range, min.	1,5 mm ²
Clamping screw	M 5
Blade size	1.0 x 5.5 mm
Gauge to IEC 60947-1	B7
AWG conductor size, max.	13,30 mm ²
AWG conductor size, max.	AWG 6
Stranded, max.	25 mm ²
Stranded, min.	1,5 mm ²
AWG conductor size, min.	2,08 mm ²
AWG conductor size, min.	AWG 14
Connection direction	on side
Flexible, min.	1,5 mm ²
2nd type of connection	screwed
Solid, min.	1,5 mm ²

Dimensions

TS 35 offset	12 mm
Length	60 mm
Height of lowest version	63 mm
Width	11,9 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	1.2...2.4 Nm
Rated short-time current	1920 A (16 mm ²)
Rated impulse withstand voltage to adjacent terminal	8 kV
PEN function	Yes
Norm	IEC 60947-7-2
Pollution severity	3
Rated cross-section	16 mm ²
Centre screw on PE terminals	M 4
Rated voltage for adjacent terminal	1000 V

UL rating data

Max. cross-section (UL)	AWG 4
Min. cross-section (UL)	AWG 14

Approvals

Approvals

**Downloads**

DXF	09237_WPE_16_DXF.dxf
STEP	1010400000_09237_WPE_16_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 mm² 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
1010300000	WPE 10
1042500000	WPE 10/ZR
1019700000	WPE 120/150
1010000000	WPE 2.5
1016400000	WPE 2.5/1.5/ZR
1010500000	WPE 35

1010100000	WPE 4
1010200000	WPE 6
1037300000	WPE 70/95