

General ordering data

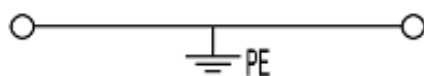
Order No.	1010500000
Short text for material	WPE 35
EAN	4008190112806
Qty	25

Product notes

Note, technical data

Use TS 35x15 (steel, 1.5 mm thick) for 25 and 35 mm² conductors and TS 35x15 (steel, 2.3 mm thick) for 50 mm² conductors.

Additional technical data



Connection direction	on side
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

CSA rating data

Max. cross-section (CSA)	AWG 2
Min. cross-section (CSA)	AWG 12

Conductors for clamping (rated connection)

AWG conductor size, min.	3,31 mm ²
AWG conductor size, min.	AWG 12
Connection direction	on side
Flexible, min.	2,5 mm ²
2nd type of connection	screwed
Solid, min.	2,5 mm ²
Stripping length	18 mm
Type of connection	Screw connection
No. of connections	2
Tightening torque range	4.0...5.0 Nm
Solid, max.	16 mm ²
Flexible, max.	35 mm ²
flexible w. ferrule AEH, max. DIN 46228-1	35 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	35 mm ²
flexible w. ferrule AEH, min. DIN 46228-1	2,5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	2,5 mm ²
Clamping range, max.	50 mm ²
Clamping range, min.	2,5 mm ²
Clamping screw	M 6
Blade size	6.5 x 1.2 mm
Gauge to IEC 60947-1	B8
AWG conductor size, max.	33,62 mm ²
AWG conductor size, max.	AWG 2
Stranded, max.	50 mm ²
Stranded, min.	2,5 mm ²

Dimensions

Width	16 mm
TS 35 offset	11 mm
Weight	82,84 g
Length	60 mm
Height of lowest version	63 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

Rated cross-section	35 mm ²
Tightening torque range for fixing screw	1.2...2.4 Nm
Rated short-time current	4200 A (35 mm ²)
Rated impulse withstand voltage to adjacent terminal	8 kV
PEN function	Yes
Norm	IEC 60947-7-2
Pollution severity	3
Centre screw on PE terminals	M 4
Rated voltage for adjacent terminal	800 V

UL rating data

Max. cross-section (UL)	AWG 1
Min. cross-section (UL)	AWG 12

Approvals

Approvals

**Downloads**

DXF	09238_WPE_35_DXF.dxf
STEP	1010500000_09238_WPE_35_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
1010400000	WPE 16
1010000000	WPE 2.5
1016400000	WPE 2.5/1.5/ZR

1010100000	WPE 4
1010200000	WPE 6
1037300000	WPE 70/95