



#### General ordering data

Order No.	1019100000
Part designation	WPE 16N
Version	Earth terminal, 16 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
EAN	4008190273248
Qty.	50 pc(s).

#### Product notes

Note, technical data	25 mm <sup>2</sup> stranded requires a tightening torque of 2.2 Nm.
Product description	Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.
Note, accessories	Rail support for insulated installation of terminal rail "SH 2" order no. 0494920000 (10 pcs)

#### Additional technical data

Colour of insulating material	green/yellow
Connection direction	on side
End plate required	No
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	closed
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	PE terminal

#### Additional technical data

##### CSA rating data

Min. cross-section (CSA)	AWG 14
Max. cross-section (CSA)	AWG 6

##### Conductors for clamping (rated connection)

Clamping range, min.	1.5 mm <sup>2</sup>
Clamping range, max.	25 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	12 mm
Clamping screw	M 4
Blade size	1.0 x 5.5 mm
Tightening torque range	1.2...2.4 Nm
Gauge to IEC 60947-1	B7
Solid, min.	1.5 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	25 mm <sup>2</sup>
Flexible, min.	1.5 mm <sup>2</sup>
Flexible, max.	16 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	16 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	4 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	16 mm <sup>2</sup>
AWG conductor size, min.	AWG 14
AWG conductor size, max.	AWG 6
AWG conductor size, min.	2.08 mm <sup>2</sup>
AWG conductor size, max.	13.3 mm <sup>2</sup>

##### Dimensions

Width	12 mm
Height of lowest version	47 mm
Length	56 mm
TS 35 offset	28 mm

##### PE rating data

Centre screw on PE terminals	M 3
PEN function	Yes
Pollution severity	3
Rated cross-section	16 mm <sup>2</sup>
Rated impulse withstand voltage to adjacent terminal	6 kV
Rated short-time current	1920 A (16 mm <sup>2</sup> )
Rated voltage for adjacent terminal	400 V
Standards	IEC 60947-7-2
Tightening torque range for fixing screw	0.5...1.0 Nm

#### PE rating data

#### UL rating data

Min. cross-section (UL)	AWG 14
Max. cross-section (UL)	AWG 6

#### Approvals

Approvals institutes



#### Classifications

eClass 4.1	27-14-03-05
eClass 5.0	27-14-03-05
eClass 5.1	27-14-03-05

#### Similar products

Order No.	Part designation	Version
1016200000	WPE 2.5N	Earth terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1041620000	WDK 2.5N PE	Earth terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1042700000	WPE 4N	Earth terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1041920000	WDK 4N PE	Earth terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1717740000	WPE 35N	Earth terminal, 35 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1846040000	WPE 50N	Earth terminal, 50 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
9512200000	WPE 70N/35	Earth terminal, 70 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1846030000	WPE 95N/120N	Earth terminal, 95 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35