



General ordering data

Order No.	1016500000
Part designation	WPE 1.5/ZZ
Version	Earth terminal, 1.5 mm ² , Screw connection, Wemid, green/yellow, TS 35
EAN	4008190170738
Qty.	100 pc(s).

Product notes

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)

PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA98ATEX1685U
Download, German	KEMA98ATEX1685U_d.pdf
Download English	KEMA98ATEX1685U_e.pdf
IECEX Certificate of Conformity	IECEXULD05.0008U
Download	IECEXULD05.0008U_e.pdf
ATEX conductor cross-section	1.5 mm ²
IECEX conductor cross-section	1.5 mm ²
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
Marking ATEX Directive 94/9/EC	Ex II 2 G D

Additional technical data

Colour of insulating material	green/yellow
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35

Additional technical data

Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	4
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Screwed
UL 94 flammability rating of insulation material	V-0
Version	PE terminal

CSA rating data

Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 14

Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	2.5 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	4
Stripping length	7 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.6 Nm
Torque level with DMS electric screwdriver	1
Gauge to IEC 60947-1	A1
Solid, min.	0.5 mm ²
Solid, max.	2.5 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	2.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	1.5 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	1.5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm ²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	3.31 mm ²

Dimensions

Width	5.1 mm
Height of lowest version	47 mm
Length	60 mm

Dimensions

TS 35 offset 32 mm

Disconnect terminals

Torque level with DMS electric screwdriver 1

PE rating data

Centre screw on PE terminals M 2.5
 PEN function No
 Pollution severity 3
 Rated cross-section 1.5 mm²
 Rated impulse withstand voltage to adjacent terminal 8 kV
 Rated short-time current 180 A (1,5 mm²)
 Rated voltage for adjacent terminal 800 V
 Standards IEC 60947-7-2
 Tightening torque range for fixing screw 0.4...0.6 Nm
 Torque level with DMS electric screwdriver 1

UL rating data

Min. cross-section (UL) AWG 26
 Max. cross-section (UL) AWG 14

Approvals

Approvals institutes



Downloads

STEP 1016500000_18880_WPE_1.5-ZZ_STP.stp

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
1036300000	WDK 2.5PE	Earth terminal, 2.5 mm ² , Screw connection, Wemid, green, TS 35

101000000	WPE 2.5	Earth terminal, 2.5 mm ² , Screw connection, Wemid, green/yellow, TS 35
101640000	WPE 2.5/1.5/ZR	Earth terminal, 2.5 mm ² , Screw connection, Wemid, green/yellow, TS 35
101010000	WPE 4	Earth terminal, 4 mm ² , Screw connection, Wemid, green/yellow, TS 35
190513000	WPE 4/ZZ	Earth terminal, 4 mm ² , Screw connection, Wemid, green/yellow, TS 35
190512000	WPE 4/ZR	Earth terminal, 4 mm ² , Screw connection, Wemid, green/yellow, TS 35
101020000	WPE 6	Earth terminal, 6 mm ² , Screw connection, Wemid, green/yellow, TS 35
101030000	WPE 10	Earth terminal, 10 mm ² , Screw connection, Wemid, green/yellow, TS 35
104250000	WPE 10/ZR	Earth terminal, 10 mm ² , Screw connection, Wemid, green/yellow, TS 35
101040000	WPE 16	Earth terminal, 16 mm ² , Screw connection, Wemid, green/yellow, TS 35
101050000	WPE 35	Earth terminal, 35 mm ² , Screw connection, Wemid, green/yellow, TS 35
103730000	WPE 70/95	Earth terminal, 95 mm ² , Screw connection, Wemid, green/yellow, TS 35
101970000	WPE 120/150	Earth terminal, 120 mm ² , Screw connection, Wemid, green/yellow, TS 35