



General ordering data	
Order No.	1016400000
Part designation	WPE 2.5/1.5/ZR
Version	Earth terminal, 2.5 mm², Screw connection, Wemid, green/yellow, TS 35
EAN	4008190054021
Qty.	100 pc(s).

Product notes	
Note, technical data	2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)
Product description	Identical form for 2.5-10 mm² enables the use of common end and partition plates. An unsurpassed combination of many advantages!
Note, accessories	Rail support for insulated installation of terminal rail "SH 2" order no. 0494920000 (10 pcs)

PT OKIECEx/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	2.5 mm²
IECEx conductor cross-section	2.5 mm²
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

Additional technical data	
End plate required	Yes
Explosion-tested version "Ex e"	Yes
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	3
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 12

Conductors for clamping (additional connection)	
Stripping length (B1)	7 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.6 Nm
Solid, min.	0.5 mm²
Solid, max.	2.5 mm²
Stranded, min.	1.5 mm²
Stranded, max.	2.5 mm²
Flexible, min.	0.5 mm²
Flexible, max.	1.5 mm²
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm²
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm²

Conductors for clamping (rated connection)	
Clamping range, min.	0.05 mm²
Clamping range, max.	4 mm²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	1
Stripping length	10 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	A3
Solid, min.	0.5 mm²
Solid, max.	4 mm²
Stranded, min.	1.5 mm²

Conductors for clamping (rated connection)	
Stranded, max.	4 mm²
Flexible, min.	0.5 mm²
Flexible, max.	4 mm²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm²
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm²
AWG conductor size, max.	3.31 mm²

Dimensions	
Width	5.1 mm
Height of lowest version	47 mm
Length	60 mm
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	2.5 mm²
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated short-time current	300 A (2.5 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 30
Max. cross-section (UL)	AWG 12

Approvals

Approvals institutes

Downloads

STEP	1016400000_18879_WPE_2.5-1.5-ZR_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
1016500000	WPE 1.5/ZZ	Earth terminal, 1.5 mm², Screw connection, Wemid, green/yellow, TS 35
1036300000	WDK 2.5PE	Earth terminal, 2.5 mm², Screw connection, Wemid, green, TS 35
1010000000	WPE 2.5	Earth terminal, 2.5 mm², Screw connection, Wemid, green/yellow, TS 35
1010100000	WPE 4	Earth terminal, 4 mm², Screw connection, Wemid, green/yellow, TS 35
1905130000	WPE 4/ZZ	Earth terminal, 4 mm², Screw connection, Wemid, green/yellow, TS 35
1905120000	WPE 4/ZR	Earth terminal, 4 mm², Screw connection, Wemid, green/yellow, TS 35
1010200000	WPE 6	Earth terminal, 6 mm², Screw connection, Wemid, green/yellow, TS 35
1010300000	WPE 10	Earth terminal, 10 mm², Screw connection, Wemid, green/yellow, TS 35
1042500000	WPE 10/ZR	Earth terminal, 10 mm², Screw connection, Wemid, green/yellow, TS 35
1010400000	WPE 16	Earth terminal, 16 mm², Screw connection, Wemid, green/yellow, TS 35
1010500000	WPE 35	Earth terminal, 35 mm², Screw connection, Wemid, green/yellow, TS 35
1037300000	WPE 70/95	Earth terminal, 95 mm², Screw connection, Wemid, green/yellow, TS 35
1019700000	WPE 120/150	Earth terminal, 120 mm², Screw connection, Wemid, green/yellow, TS 35

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