



#### General ordering data

Order No.	1019700000
Part designation	WPE 120/150
Version	Earth terminal, 120 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
EAN	4008190495671
Qty.	10 pc(s).

#### Product notes

Note, technical data	For 50 - 150 mm <sup>2</sup> , the TS 35x15 (copper, 2.3mm thick) rail should be used.
Product description	Direct mounting is possible thanks to the elongated holes on the underside of the terminal. Terminal blocks can be screwed directly to mounting plates with a pitch of 25 mm.
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	KEMA98ATEX1686U
Download, German	KEMA98ATEX1686U_d.pdf
Download English	KEMA98ATEX1686U_e.pdf
ATEX conductor cross-section	120 mm <sup>2</sup>
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	No
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	2
Open sides	closed
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 2
Max. cross-section (CSA)	kcmil 250

#### Conductors for clamping (rated connection)

Clamping range, min.	33.62 mm <sup>2</sup>
Clamping range, max.	150 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	35 mm
Clamping screw	M 10
Blade size	S6 (DIN 6911)
Tightening torque range	10...20 Nm
Gauge to IEC 60947-1	B13
Stranded, min.	35 mm <sup>2</sup>
Stranded, max.	150 mm <sup>2</sup>
Flexible, min.	35 mm <sup>2</sup>
Flexible, max.	150 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	35 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	95 mm <sup>2</sup>
AWG conductor size, min.	AWG 2
AWG conductor size, max.	kcmil 300
AWG conductor size, min.	33.62 mm <sup>2</sup>
AWG conductor size, max.	85.03 mm <sup>2</sup>

#### Dimensions

Width	32 mm
Height of lowest version	118 mm
Length	132 mm
TS 35 offset	66 mm

#### PE rating data

Centre screw on PE terminals	M 6
PEN function	No
Pollution severity	3
Rated cross-section	120 mm <sup>2</sup>

#### PE rating data

Rated impulse withstand voltage to adjacent terminal	8 kV
Rated short-time current	14400 A (120 mm <sup>2</sup> )
Rated voltage for adjacent terminal	1,000 V
Standards	IEC 60947-7-2
Tightening torque range for fixing screw	3.0...6.0 Nm

#### UL rating data

Min. cross-section (UL)	AWG 2
Max. cross-section (UL)	kcmil 250

#### 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
1016500000	WPE 1.5/ZZ	Earth terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1036300000	WDK 2.5PE	Earth terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, green, TS 35
1010000000	WPE 2.5	Earth terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1016400000	WPE 2.5/1.5/ZR	Earth terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1010100000	WPE 4	Earth terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1905130000	WPE 4/ZZ	Earth terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1905120000	WPE 4/ZR	Earth terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1010200000	WPE 6	Earth terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1010300000	WPE 10	Earth terminal, 10 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1042500000	WPE 10/ZR	Earth terminal, 10 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35

1010400000	WPE 16	Earth terminal, 16 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1010500000	WPE 35	Earth terminal, 35 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1037300000	WPE 70/95	Earth terminal, 95 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35