



#### General ordering data

Order No.	1010200000
Short text for material	WPE 6
EAN	4008190090098
Qty	50

#### IEC/EN 60079-7 rating data

Certificate No.	KEMA98ATEX1683U
ATEX certificate	KEMA98ATEX1683U_d.pdf
Download English	KEMA98ATEX1683U_e.pdf
Certificate No.	IECEXULD05.0008U
IEC Ex certificate	IECEXULD05.0008U_e.pdf
Conductor cross-section, max.	6 mm <sup>2</sup>
Conductor cross-section, max.	6 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

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
Connection direction	on side

#### CSA rating data

Min. cross-section (CSA)	AWG 20
Max. cross-section (CSA)	AWG 8

**Conductors for clamping (rated connection)**

Stripping length	12 mm
Type of connection	Screw connection
2nd type of connection	screwed
Solid, min.	0,5 mm <sup>2</sup>
Gauge to IEC 60947-1	A5
AWG conductor size, max.	8,37 mm <sup>2</sup>
AWG conductor size, max.	AWG 8
Stranded, max.	10 mm <sup>2</sup>
Stranded, min.	1,5 mm <sup>2</sup>
AWG conductor size, min.	0,13 mm <sup>2</sup>
No. of connections	2
Tightening torque range	0.8...1.6 Nm
Solid, max.	10 mm <sup>2</sup>
Flexible, max.	10 mm <sup>2</sup>
flexible w. ferrule AEH, max. DIN 46228-1	6 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	6 mm <sup>2</sup>
flexible w. ferrule AEH, min. DIN 46228-1	0,5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0,5 mm <sup>2</sup>
Clamping range, max.	10 mm <sup>2</sup>
Clamping range, min.	0,33 mm <sup>2</sup>
Clamping screw	M 3.5
Blade size	4.0 x 0.8 mm
AWG conductor size, min.	AWG 26
Connection direction	on side
Flexible, min.	0,5 mm <sup>2</sup>

**Dimensions**

Height of lowest version	47 mm
Width	7,9 mm
TS 35 offset	11 mm
Length	60 mm

**PE rating data**

Tightening torque range for fixing screw	0.5...1.0 Nm
Rated short-time current	720 A (6 mm <sup>2</sup> )
Rated impulse withstand voltage to adjacent terminal	8 kV
PEN function	No
Norm	IEC 60947-7-2
Pollution severity	3
Rated cross-section	6 mm <sup>2</sup>
Centre screw on PE terminals	M 3
Rated voltage for adjacent terminal	1000 V

**UL rating data**

Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 8

**Approvals**

Approvals

**Approvals**

Approvals

**Downloads**

DXF	09235_WPE_6_DXF.dxf
STEP	1010200000_09235_WPE_6_STP.s

**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 mm<sup>2</sup> 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
1010500000	WPE 35
1010100000	WPE 4
1037300000	WPE 70/95