



General ordering data

Order No.	1010000000
Short text for material	WPE 2.5
EAN	4008190143640
Qty	100

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.	2.5 mm ²
Conductor cross-section, max.	2.5 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

Type of connection	screwed
Version	PE terminal
No. of identical terminals	1
UL 94 flammability rating of insulation material	V-0
Type of routing	screwed
Colour of insulating material	green/yellow
Installation advice	TS 35
Open sides	right
Insulating material	Wemid
Product range	W-Series
Operating temperature range	- 50 °C, + 120 °C
No. of levels	1
No. of terminal strips per level	2
End plate required	Yes
Connection direction	top

CSA rating data

Max. cross-section (CSA)	AWG 12
Min. cross-section (CSA)	AWG 30

Conductors for clamping (rated connection)

Stripping length	10 mm
Type of connection	Screw connection
2nd type of connection	screwed
Solid, min.	0,5 mm ²
Stranded, min.	1,5 mm ²
AWG conductor size, min.	0,05 mm ²
AWG conductor size, min.	AWG 30
Connection direction	top
Flexible, min.	0,5 mm ²
No. of connections	2
Tightening torque range	0.4...0.8 Nm
Solid, max.	4 mm ²
Flexible, max.	4 mm ²
flexible w. ferrule AEH, max. DIN 46228-1	2,5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2,5 mm ²
flexible w. ferrule AEH, min. DIN 46228-1	0,5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0,5 mm ²
Clamping range, max.	4 mm ²
Clamping range, min.	0,05 mm ²
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A3
AWG conductor size, max.	3,31 mm ²
AWG conductor size, max.	AWG 12
Stranded, max.	4 mm ²
Torque level with DMS electric screwdriver	1

Dimensions

Weight	18,86 g
Length	60 mm
Height of lowest version	47 mm
Width	5,1 mm
TS 35 offset	15 mm

Disconnect terminals

Torque level with DMS electric screwdriver	1
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PE rating data

Torque level with DMS electric screwdriver	1
Tightening torque range for fixing screw	0.4...0.8 Nm
Rated short-time current	300 A (2.5 mm ²)
Rated impulse withstand voltage to adjacent terminal	8 kV
PEN function	No
Norm	IEC 60947-7-2
Pollution severity	3
Rated cross-section	2,5 mm ²
Centre screw on PE terminals	M 2.5
Rated voltage for adjacent terminal	800 V

UL rating data

Min. cross-section (UL)	AWG 30
Max. cross-section (UL)	AWG 12

Approvals

Approvals	CSA;0344;UL/UR;EX;CE;
Approvals	

Approvals

Approvals	
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Downloads

STEP	1010000000_24803_WPE_2.5_STP
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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 mm² 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
1016400000	WPE 2.5/1.5/ZR
1010500000	WPE 35
1010100000	WPE 4
1010200000	WPE 6
1037300000	WPE 70/95