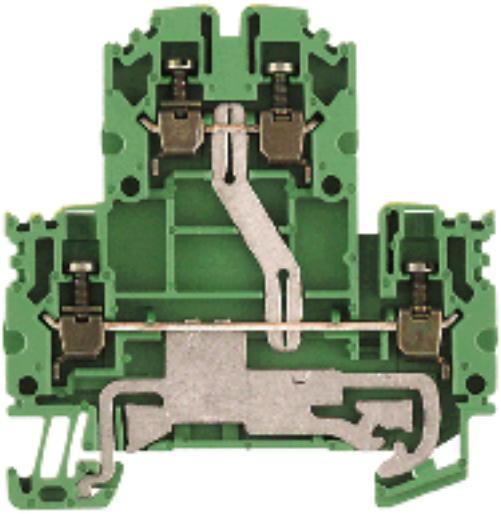




General ordering data	
Order No.	1041620000
Part designation	WDK 2.5N PE
Version	Earth terminal, 2.5 mm², Screw connection, Wemid, green/yellow, TS 35
EAN	4032248138579
Qty.	100 pc(s).

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	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 OKIECEx/ATEX rating data	
EU-type examination certificate	KEMA00ATEX2061U
Download, German	KEMA00ATEX2061U_d.pdf
Download English	KEMA00ATEX2061U_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	Yes
No. of identical terminals	1
No. of levels	2
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
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 (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	4
Stripping length	8 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
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	62.5 mm
Length	60.7 mm
TS 35 offset	30.85 mm

Disconnect terminals	
Torque level with DMS electric screwdriver	1

PE rating data	
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
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	GOSTEX IEC EX ATEX

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

Similar products

Order No.	Part designation	Version
1016200000	WPE 2.5N	Earth terminal, 2.5 mm², Screw connection, Wemid, green/yellow, TS 35
1042700000	WPE 4N	Earth terminal, 4 mm², Screw connection, Wemid, green/yellow, TS 35
1041920000	WDK 4N PE	Earth terminal, 4 mm², Screw connection, Wemid, green/yellow, TS 35

	1019100000	WPE 16N	Earth terminal, 16 mm², Screw connection, Wemid, green/yellow, TS 35
	1717740000	WPE 35N	Earth terminal, 35 mm², Screw connection, Wemid, green/yellow, TS 35
	1846040000	WPE 50N	Earth terminal, 50 mm², Screw connection, Wemid, green/yellow, TS 35
	9512200000	WPE 70N/35	Earth terminal, 70 mm², Screw connection, Wemid, green/yellow, TS 35
	1846030000	WPE 95N/120N	Earth terminal, 95 mm², Screw connection, Wemid, green/yellow, TS 35