



General ordering data	
Order No.	1041680000
Part designation	WDK 2.5N BL
Version	Feed-through terminal, 2.5 mm², Screw connection, Wemid, blue, TS 35
EAN	4032248139118
Qty.	100 pc(s).

Product notes	
Note, technical data	When using the cross-connection ZQV 2.5N, the rated voltage is reduced to 400 V.
Product description	Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

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 voltage	550 V
ATEX current	21 A
ATEX conductor cross-section	2.5 mm²
IECEx voltage	550 V
IECEx current	20 A
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

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)	
Solid, min.	0.5 mm²
Solid, max.	1.5 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)	1.5 mm²

Additional technical data	
Colour of insulating material	blue
Connection direction	on side
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	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	Feed-through terminal

CSA rating data	
Voltage (CSA)	300 V
CSA current	20 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 12

Conductors for clamping (additional connection)	
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	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

Conductors for clamping (rated connection)	
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)	2.5 mm²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm²
AWG conductor size, min.	AWG 30
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

Rating data	
Rated cross-section	2.5 mm²
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	24 A
Standards	IEC 60947-7-1
Current with max. conductor	28 A
Pollution severity	3

UL rating data	
Voltage (UL)	600 V
Current (UL)	20 A
Min. cross-section (UL)	AWG 30
Max. cross-section (UL)	AWG 12

Approvals	
Approvals institutes	GOSTEX IEC EX ATEX ME25

Classifications	
eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

Similar products

Order No.	Part designation	Version
1041600000	WDK 2.5N	Feed-through terminal, 2.5 mm², Screw connection, Wemid, dark beige, TS 35
1041650000	WDK 2.5N DU-PE	Feed-through terminal, 2.5 mm², Screw connection, Wemid, dark beige, TS 35
1041610000	WDK 2.5N V	Feed-through terminal, 2.5 mm², Screw connection, Wemid, dark beige, TS 35
1041900000	WDK 4N	Feed-through terminal, 4 mm², Screw connection, Wemid, dark beige, TS 35
1041980000	WDK 4N BL	Feed-through terminal, 4 mm², Screw connection, Wemid, blue, TS 35
1041950000	WDK 4N DU-PE	Feed-through terminal, 4 mm², Screw connection, Wemid, dark beige, TS 35
7916780000	WDK 4N DU-PE/E	Feed-through terminal, 4 mm², Screw connection, Wemid, dark beige, TS 35
1041960000	WDK 4N OR	Feed-through terminal, 4 mm², Screw connection, Polyamide, Orange, TS 35
1041910000	WDK 4N V	Feed-through terminal, 4 mm², Screw connection, Wemid, dark beige, TS 35

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