



### General ordering data

Order No.	1022300000
Short text for material	WDK 2.5V
EAN	4008190082031
Qty	100

### IEC/EN 60079-7 rating data

Certificate No.	KEMA98ATEX1687U
ATEX certificate	KEMA98ATEX1687U_d.pdf
Download English	KEMA98ATEX1687U_e.pdf
Certificate No.	IECEXULD05.0008U
IEC Ex certificate	IECEXULD05.0008U_e.pdf
max. voltage	275 V
Current	21 A
Conductor cross-section, max.	2.5 mm <sup>2</sup>
max. voltage	275 V
Current	20 A
Conductor cross-section, max.	2.5 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	clipped
Version	Double terminal
Installation advice	TS 35
UL 94 flammability rating of insulation material	V-0
Insulating material	Wemid
Colour of insulating material	dark beige
Operating temperature range	- 50 °C, + 120 °C
Open sides	right
No. of levels	2
Product range	W-Series
No. of terminal strips per level	2
Levels cross-connected internally	Yes
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Connection direction	on side

**CSA rating data**

Voltage CSA	300 V
CSA current	10 A
Max. cross-section (CSA)	AWG 12
Min. cross-section (CSA)	AWG 26

**Conductors for clamping (1) with equal cross-section (rated connection)**

Flexible with ferrule, max. (DIN 46228 pt 1)	1,5 mm <sup>2</sup>
Solid, max.	1,5 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	0,5 mm <sup>2</sup>
Flexible, max.	1,5 mm <sup>2</sup>
Solid, min.	0,5 mm <sup>2</sup>
Flexible, min.	0,5 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Stripping length	10 mm
Type of connection	Screw connection
2nd type of connection	screwed
Solid, min.	0,5 mm <sup>2</sup>
Stranded, max.	4 mm <sup>2</sup>
Stranded, min.	1,5 mm <sup>2</sup>
AWG conductor size, min.	0,05 mm <sup>2</sup>
AWG conductor size, min.	AWG 30
Connection direction	on side
Flexible, min.	0,5 mm <sup>2</sup>
No. of connections	4
Tightening torque range	0.4...0.6 Nm
Solid, max.	4 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
flexible w. ferrule AEH, max. DIN 46228-1	2,5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2,5 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.	4 mm <sup>2</sup>
Clamping range, min.	0,05 mm <sup>2</sup>
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 <sup>2</sup>
AWG conductor size, max.	AWG 12
Torque level with DMS electric screwdriver	1

**Dimensions**

TS 35 offset	19 mm
Width	5,1 mm
Weight	14,10 g
Length	69 mm
Height of lowest version	63 mm

**Disconnect terminals**

Torque level with DMS electric screwdriver	1
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**Rating data**

Rated cross-section	2,5 mm <sup>2</sup>
Rated voltage	400 V
Rated impulse withstand voltage	6 kV
Rated current	24 A
Norm	IEC 60947-7-1
Current with max. conductor	32 A
Pollution severity	3

**UL rating data**

Min. cross-section (UL)	AWG 30
Max. cross-section (UL)	AWG 12
Voltage UL	300 V
Current (UL)	20 A

**Approvals**

Approvals

**Approvals**

Approvals

**Downloads**

STEP	1022300000_21948_WDK_2.5V_ST
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**Classifications**

ETIM 2.0	EC000897
ETIM 3.0	EC000897
eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

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
102150000	WDK 2.5
102910000	WDK 2.5/800V
102158000	WDK 2.5 BL
103640000	WDK 2.5DU-PE
104110000	WDK 2.5 ZQV
104118000	WDK 2.5 ZQV BL
102561000	WDK 2.5 ZQV/10/BEZ
102238000	WDK 2.5V BL
102235000	WDK 2.5V GE
102236000	WDK 2.5V OR