



#### General ordering data

Order No.	0590060000
Short text for material	DK 4Q/32
EAN	4008190147228
Qty	100

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

Certificate No.	SIRA02ATEX3316U
Certificate No.	IECEXSIR05.0041U
max. voltage	275 V
Current	28 A
Conductor cross-section, max.	4 mm <sup>2</sup>
max. voltage	275 V
Current	28 A
Conductor cross-section, max.	4 mm <sup>2</sup>
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	clamped
Version	Feed-through terminal
Installation advice	TS 32
UL 94 flammability rating of insulation material	V2
Insulating material	PA 66
Colour of insulating material	beige
Operating temperature range	- 50 °C, + 100 °C
Open sides	right
No. of levels	2
No. of terminal strips per level	2
Levels cross-connected internally	No
End plate required	Yes
Explosion-tested version "Ex e"	No
Connection direction	on side

#### CSA rating data

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

### Conductors for clamping (rated connection)

Stripping length	9 mm
Type of connection	Screw connection
Solid, min.	0,5 mm <sup>2</sup>
Twin wire-end ferrule, min.	0,50 mm <sup>2</sup>
Twin wire end ferrule, max.	1,50 mm <sup>2</sup>
No. of connections	4
Tightening torque range	0.5...0.8 Nm
Solid, max.	6 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.	6 mm <sup>2</sup>
Clamping range, min.	0,13 mm <sup>2</sup>
Clamping screw	M3
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
Stranded, max.	4 mm <sup>2</sup>
Stranded, min.	0,5 mm <sup>2</sup>
AWG conductor size, min.	0,13 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
Connection direction	on side
Flexible, min.	0,5 mm <sup>2</sup>
2nd type of connection	screwed
Torque level with DMS electric screwdriver	2

### Dimensions

TS 32 offset	11 mm
Weight	4,88 g
Length	54 mm
Height of lowest version	59,5 mm
Width	6 mm

### Disconnect terminals

Torque level with DMS electric screwdriver	2
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### Rating data

Rated cross-section	4 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse withstand voltage	6 kV
Rated current	32 A
Norm	IEC 60947-7-1
Current with max. conductor	41 A
Pollution severity	3

### UL rating data

Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 12
Voltage UL	300 V
Current (UL)	27 A

### Approvals

Approvals 

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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

### Related products

Order No.	Short text for material
0355460000	DK 4
0355480000	DK 4 BL
0590080000	DK 4Q/32 BL
0590260000	DK 4QV/32
0590280000	DK 4QV/32 BL