



#### General ordering data

Order No.	0590160000
Part designation	DK 4Q/35
Version	Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 35
EAN	4008190103521
Qty.	100 pc(s).

#### Product notes

Note, technical data	With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.
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#### Additional technical data

Colour of insulating material	beige
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	PA 66
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, + 100 °C
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V2
Version	Double terminal

#### CSA rating data

Voltage (CSA)	300 V
CSA current	10 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 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>
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 3
Blade size	0.6 x 3.5 mm
Tightening torque range	0.5...0.8 Nm
Torque level with DMS electric screwdriver	2
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	6 mm <sup>2</sup>
Stranded, min.	0.5 mm <sup>2</sup>
Stranded, max.	4 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm <sup>2</sup>
Twin wire-end ferrule, min.	0.5 mm <sup>2</sup>
Twin wire end ferrule, max.	1.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm <sup>2</sup>
AWG conductor size, max.	3.31 mm <sup>2</sup>

#### Dimensions

Width	6 mm
Height of lowest version	60.5 mm
Length	50 mm
TS 35 offset	25 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 voltage	6 kV
Rated current	32 A
Standards	IEC 60947-7-1
Current with max. conductor	41 A
Pollution severity	3

#### UL rating data

Voltage (UL)	300 V
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#### UL rating data

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

#### Approvals

Approvals institutes



#### Downloads

STEP	0590160000_09841_DK_4Q-35_STP.stp
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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

#### Similar products

Order No.	Part designation	Version
0527660000	DK 4/35	Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 35
0527680000	DK 4/35 BL	Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, blue, TS 35
0590180000	DK 4Q/35 BL	Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, blue, TS 35
0363660000	DK 4QV/35	Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 35
0363680000	DK 4QV/35 BL	Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, blue, TS 35