

Excellent Integrated System Limited

Stocking Distributor

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[Weidmüller](#)
[0590080000](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

General ordering data

Order No.	0590080000
Part designation	DK 4Q/32 BL
Version	Feed-through terminal, 4 mm ² , Screw connection, PA 66, blue, TS 32
EAN	4008190100407
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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PT OKIECEEx/ATEX rating data

EU-type examination certificate	SIRA02ATEX3316U
Download English	SIRA02ATEX3316U_e.pdf
IECEX Certificate of Conformity	IECEXSIR05.0041U
Download	IECEXSIR05.0041U_e.pdf
ATEX voltage	275 V
ATEX current	28 A
ATEX conductor cross-section	4 mm ²
IECEX voltage	275 V
IECEX current	28 A
IECEX conductor cross-section	4 mm ²
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEX-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	blue
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 32
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	Clamped
UL 94 flammability rating of insulation material	V2
Version	Feed-through terminal

CSA rating data

Voltage (CSA)	300 V
CSA current	10 A

CSA rating data

Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 10

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	4
Stripping length	9 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 ²
Solid, max.	6 mm ²
Stranded, min.	0.5 mm ²
Stranded, max.	4 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	4 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm ²
Twin wire-end ferrule, min.	0.5 mm ²
Twin wire end ferrule, max.	1.5 mm ²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	3.31 mm ²

Dimensions

Width	6 mm
Height of lowest version	59.5 mm
Length	50 mm
Weight	14.55 g
TS 32 offset	25 mm

Disconnect terminals

Torque level with DMS electric screwdriver	2
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Rating data

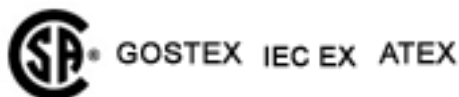
Rated cross-section	4 mm ²
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	32 A
Standards	IEC 60947-7-1
Current with max. conductor	41 A
Pollution severity	3

UL rating data

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

Approvals

Approvals institutes



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
0355460000	DK 4	Feed-through terminal, 4 mm ² , Screw connection, PA 66, beige, TS 32
0355480000	DK 4 BL	Feed-through terminal, 4 mm ² , Screw connection, PA 66, blue, TS 32
0590060000	DK 4Q/32	Feed-through terminal, 4 mm ² , Screw connection, PA 66, beige, TS 32
0590260000	DK 4QV/32	Feed-through terminal, 4 mm ² , Screw connection, PA 66, beige, TS 32
0590280000	DK 4QV/32 BL	Feed-through terminal, 4 mm ² , Screw connection, PA 66, blue, TS 32