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Weidmüller
0590280000

For any questions, you can email us directly:
sales@integrated-circuit.com

General ordering data	
Order No.	0590280000
Part designation	DK 4QV/32 BL
Version	Feed-through terminal, 4 mm², Screw connection, PA 66, blue, TS 32
EAN	4008190038762
Qty.	100 pc(s).

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

PT OKIECEx/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 mm²
IECEx voltage	275 V
IECEx current	28 A
IECEx conductor cross-section	4 mm²
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
Installation advice	TS 32
Insulating material	PA 66
Levels cross-connected internally	Yes
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	Double terminal

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

CSA rating data	
Max. cross-section (CSA)	AWG 12

Conductors for clamping (rated connection)	
Clamping range, min.	0.13 mm²
Clamping range, max.	6 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 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 mm²
Solid, max.	6 mm²
Stranded, min.	0.5 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)	0.5 mm²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm²
Twin wire-end ferrule, min.	0.5 mm²
Twin wire end ferrule, max.	1.5 mm²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm²
AWG conductor size, max.	3.31 mm²

Dimensions	
Width	6 mm
Height of lowest version	59.5 mm
Length	54 mm
Weight	14.87 g
TS 32 offset	10 mm

Disconnect terminals	
Torque level with DMS electric screwdriver	2

Rating data	
Rated cross-section	4 mm²
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	32 A
Standards	IEC 60947-7-1
Current with max. conductor	41 A

Rating data	
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	GOSTEX IEC EX ATEX ME25

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 mm², Screw connection, PA 66, beige, TS 32
0355480000	DK 4 BL	Feed-through terminal, 4 mm², Screw connection, PA 66, blue, TS 32
0590060000	DK 4Q/32	Feed-through terminal, 4 mm², Screw connection, PA 66, beige, TS 32
0590080000	DK 4Q/32 BL	Feed-through terminal, 4 mm², Screw connection, PA 66, blue, TS 32
0590260000	DK 4QV/32	Feed-through terminal, 4 mm², Screw connection, PA 66, beige, TS 32