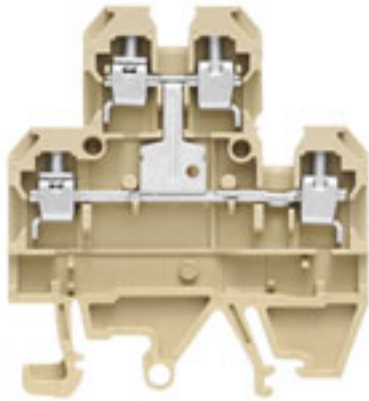


**SAK Series
DK 4 QV/EN**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com


Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Delivery status	This article will no longer be available in the future.
Available until	2018-12-31
Type	DK 4 QV/EN
Order No.	1907020000
Version	SAK Series, Feed-through terminal, Rated cross-section: 4 mm ² , Screw connection
GTIN (EAN)	4032248530786
Qty.	100 pc(s).
Alternative product	0643460000

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Technical data
Dimensions and weights

Width	6.5 mm	Width (inches)	0.256 inch
Height	54 mm	Height (inches)	2.126 inch
Depth	47.5 mm	Depth (inches)	1.87 inch
Net weight	14.88 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C
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Material data

Material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

Rating data IECEx/ATEX

Certificate No. (ATEX)	SIRA02ATEX33 16U	Certificate No. (IECEX)	IECEXSIR05.004 1U
Max. voltage (ATEX)	275 V	Current (ATEX)	28 A
Wire cross section max. (ATEX)	4 mm ²	Max. voltage (IECEX)	275 V
Current (IECEX)	28 A	Wire cross section max. (IECEX)	4 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex e II
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, Vertically cross-connected, for screwable cross-connection, One end without connector	Tightening torque (clamping screw for copper conductors)	0.5...1 Nm
End cover plate required	Yes	Number of potentials	1
Number of levels	2	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	Yes
PE connection	No	Mounting rail	TS 35, TS 32
N-function	No	PE function	No
PEN function	No		

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-2 136577	Current size B (CSA)	36 A
Current size C (CSA)	36 A	Voltage size B (CSA)	300 V
Voltage size C (CSA)	150 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	22 AWG		

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Technical data

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 2.5 mm²

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 3
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A4
Number of connections	2	Stripping length	12 mm
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screwdriver	2	Twin wire-end ferrules, max.	2.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Rating data

Rated cross-section	4 mm ²	Rated voltage	500 V
Rated current	32 A	Current at maximum wires	41 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	22 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	22 AWG	Current size B (cURus)	30 A
Current size C (cURus)	30 A	Voltage size B (cURus)	300 V
Voltage size C (cURus)	150 V		

Classifications

ETIM 3.0	EC000897	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000897
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-20
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Creation date March 16, 2018 7:55:25 PM CET

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Technical data**Product information**

Descriptive text technical data With twin wire-end ferrules ZH 0.5 to ZH 2.5, the rated voltage is 690 V.

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	CFAT_DK 4 QV_EN.pdf DE_PT1361_20160418_077_ISSUE01.pdf
Engineering Data	EPLAN_WSCAD_Zuken E3.S
User Documentation	Cross Connection Guide

Safety note

Safety notice [Safety Information](#)