

EK 95/35/2ZB BK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****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

Version	SAK Series, PE terminal, Rated cross-section: 95 mm², Screw connection
Order No.	0535400000
Type	EK 95/35/2ZB BK
GTIN (EAN)	4008190168797
Qty.	10 pc(s).
Delivery status	Discontinued
Available until	2019-08-31
Alternative product	1846030000

Creation date March 22, 2021 10:49:58 AM CET

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Technical data**Dimensions and weights**

Depth	90.5 mm	Depth (inches)	3.563 inch
Height	76.5 mm	Height (inches)	3.012 inch
Net weight	377.9 g	Width	25 mm
Width (inches)	0.984 inch		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	100 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Material data

Colour	yellow, green	UL 94 flammability rating	V-2
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System specifications

Version	Screw connection, With PE connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	1	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	N-function	No
PE function	Yes	PEN function	Yes

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	closed	Type of mounting	when screwed in

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	95 mm ²
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Technical data

Conductors for clamping (rated connection)

Clamping range, max.	120 mm ²	Clamping range, min.	10 mm ²
Clamping screw	M 10	Connection cross-section, stranded, max.	95 mm ²
Connection cross-section, stranded, min.	10 mm ²	Connection direction	on side
Gauge to IEC 60947-1	B12	Number of connections	2
Stripping length	27 mm	Tightening torque, max.	20 Nm
Tightening torque, min.	10 Nm	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 4/0	Wire connection cross section AWG, min.	AWG 6
Wire connection cross section, finely stranded, max.	95 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	95 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	10 mm ²	Wire connection cross-section, solid core, max.	16 mm ²
Wire connection cross-section, solid core, min.	10 mm ²		

General

Rail	TS 35	Standards	IEC 60947-7-2
Wire connection cross section AWG, max.	AWG 4/0	Wire connection cross section AWG, min.	AWG 6

PE rating data

Rated short-time current	11400 A (95 mm ²)	Centre screw on PE terminals	M 4
Tightening torque range for fixing screw	1.2...2.4 Nm	PEN function	Yes

Rating data

Power loss in accordance with IEC 60947-7-x	7.42 W	Rated cross-section	95 mm ²
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	0.14 mΩ
Rated impulse withstand voltage to adjacent terminal	8 kV	Pollution severity	3

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ECLASS 9.0	27-14-11-41	ECLASS 9.1	27-14-11-41
ECLASS 10.0	27-14-11-41	ECLASS 11.0	27-14-11-41

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks