

SAKE 35**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: 35 mm ² , Screw connection, Direct mounting
Order No.	0144400000
Type	SAKE 35
GTIN (EAN)	4008190122744
Qty.	20 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2020-12-31

Creation date March 22, 2021 8:54:45 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Depth	39 mm	Depth (inches)	1.535 inch
Height	46 mm	Height (inches)	1.811 inch
Net weight	42.25 g	Weight	44.15 g
Width	14 mm	Width (inches)	0.551 inch

Temperatures

Storage temperature	-25 °C...55 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Material data

Colour	yellow, green
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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 32	N-function	No
PE function	Yes	PEN function	No

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	Open
Type of mounting	Clamped		

CSA rating data

Certificate No. (CSA)	12400-207	Wire cross section max. (CSA)	2 AWG
Wire cross section min. (CSA)	8 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	35 mm ²
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Technical data

Conductors for clamping (rated connection)

Blade size	6.5 x 1.2 mm	Clamping range, max.	35 mm ²
Clamping range, min.	6 mm ²	Clamping screw	M 6
Connection cross-section, stranded, max.	35 mm ²	Connection cross-section, stranded, min.	6 mm ²
Connection direction	on side	Gauge to IEC 60947-1	B8
Number of connections	1	Stripping length	16 mm
Tightening torque, max.	5 Nm	Tightening torque, min.	4 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 2
Wire connection cross section AWG, min.	AWG 8	Wire connection cross section, finely stranded, max.	35 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 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.	35 mm ²	Wire connection cross-section, solid core, min.	6 mm ²

General

Installation advice	Direct mounting	Rail	TS 32
Standards	IEC 60947-7-2	Wire connection cross section AWG, max.	AWG 2
Wire connection cross section AWG, min.	AWG 8		

PE rating data

Rated short-time current	4200 A (35 mm ²)	Centre screw on PE terminals	M 5
Tightening torque range for fixing screw	2.0...4.0 Nm	PEN function	No

Rating data

Power loss in accordance with IEC 60947-7-x	4 W	Rated cross-section	35 mm ²
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	0.26 mΩ

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

[EAC certificate](#)
[Declaration of Conformity](#)
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Engineering Data

[STEP](#)

Engineering Data

[EPLAN, WSCAD](#)

User Documentation

[StorageConditionsTerminalBlocks](#)