

SAK 4 SS/35 6.3/2.8 DB**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

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, Feed-through terminal, Rated cross-section: 2.5 mm ² , Flat-blade connection
Order No.	0630400000
Type	SAK 4 SS/35 6.3/2.8 DB
GTIN (EAN)	4008190350390
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Depth	49.5 mm	Depth (inches)	1.949 inch
Height	40 mm	Height (inches)	1.575 inch
Net weight	8.39 g	Weight	8.48 g
Width	6.5 mm	Width (inches)	0.256 inch

Temperatures

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

Material data

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

System specifications

Version	With cable lug connection F2.8, With cable lug connection F6.3, for screwable cross-connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Rail	TS 35	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)	12400-129	Current size C (CSA)	13 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	18 AWG		

Conductors for clamping (rated connection)

Clamping range, max.	2.5 mm ²	Clamping range, min.	0.5 mm ²
Connection direction	on side	Number of connections	4
Type of connection	Flat-blade connection	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 18	Wire connection cross section, finely stranded, max.	2.5 mm ²

General

Rail	TS 35	Standards	IEC 61210, In accordance with IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 18

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Technical data

Other connections

Rated cross-section spade connector 2.8
mm1 mm²Rated cross-section spade connector 6.3
mm2.5 mm²

Rating data

Power loss in accordance with IEC
60947-7-x

0.77 W

Rated voltage

500 V

Current at maximum wires

20 A

Volume resistance according to IEC
60947-7-x

1.33 mΩ

Pollution severity

3

Rated cross-section

2.5 mm²

Rated current

20 A

Standards

IEC 61210, In accordance
with IEC 60947-7-1

Rated impulse withstand voltage

6 kV

UL rating data

Certificate No. (UR)

E60693

Conductor size Factory wiring min. (UR)

26 AWG

Conductor size Field wiring min. (UR)

26 AWG

Voltage size C (UR)

300 V

Conductor size Factory wiring max. (UR)

12 AWG

Conductor size Field wiring max. (UR)

12 AWG

Current size C (UR)

25 A

Classifications

ETIM 6.0

EC000897

ECLASS 9.0

27-14-11-20

ECLASS 10.0

27-14-11-20

ETIM 7.0

EC000897

ECLASS 9.1

27-14-11-20

ECLASS 11.0

27-14-11-20

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Approvals



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