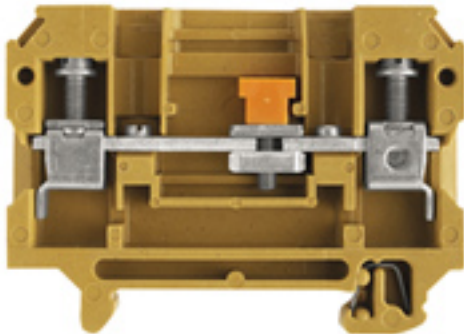


SAK Series
SAKT 1/35/LT STB

Weidmüller Interface GmbH & Co. KG
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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

Available until	2020-12-31
Type	SAKT 1/35/LT STB
Order No.	0105620000
Version	SAK Series, Test-disconnect terminal, Rated cross-section: 6 mm ² , Screw connection, Medium Yellow, Direct mounting
GTIN (EAN)	4008 190079338
Qty.	50 pc(s).
Alternative product	1016900000

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Technical data**Dimensions and weights**

Width	8 mm	Width (inches)	0.315 inch
Height	65 mm	Height (inches)	2.559 inch
Depth	52.5 mm	Depth (inches)	2.067 inch
Net weight	30.06 g		

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Material data

Material	KrG	Colour	Medium Yellow
UL 94 flammability rating	V-0, 5VA		

System specifications

Version	Screw connection, Special terminal longitudinal isolator, with sockets, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

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

CSA rating data

Certificate No. (CSA)	12400-198	Current size C (CSA)	25 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm ²
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Technical data**Conductors for clamping (rated connection)**

Blade size	4.0 x 0.8 mm	Clamping range, max.	10 mm ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 3.5
Connection cross-section, stranded, max.	10 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A5
Number of connections	2	Stripping length	12 mm
Torque level with DMS electric screwdriver	3	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 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, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	sliding		

Rating data

Rated cross-section	6 mm ²	Rated voltage	400 V
Rated current	41 A	Current at maximum wires	57 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	25 A
Voltage size C (UR)	300 V		

Classifications

ETIM 3.0	EC000902	ETIM 4.0	EC000902
ETIM 5.0	EC000902	ETIM 6.0	EC000902
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-26
eClass 6.2	27-14-11-26	eClass 7.1	27-14-11-26
eClass 8.1	27-14-11-26	eClass 9.0	27-14-11-26
eClass 9.1	27-14-11-26		

Product information

Descriptive text technical data	10 mm ² stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.
Descriptive text accessories	To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

Data sheet**SAK Series
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Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[DE_PT1314_20160418_613_ISSUE01.pdf](#)

Engineering Data

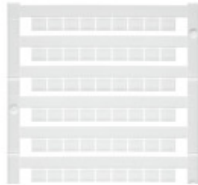
[EPLAN.WSCAD](#)**Safety note**

Safety notice

[Safety Information](#)

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Accessories
Blank


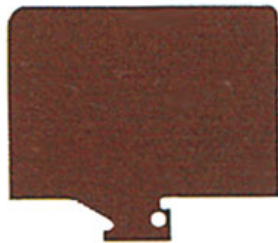
The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6.5 MC	1609840000	Dekafix, Terminal marker, 5	4008190203429	900 pc(s).
NE WS		x 6.5 mm, Pitch in mm (P): 6.50 Weidmueller, White		

Partition plates

Klippon® Connect with clamping yoke Technology

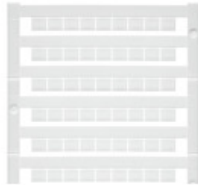
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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
TW SAK4-10 KRG	0130120000	SAK Series, Separation plate, 2.25 mm, Dark Beige, Yellow, Direct mounting	4008190139117	20 pc(s).
TW SAK4-10 HP/DBR/0.5	0197100000	SAK Series, Separation plate, 0.5 mm, Brown, Dark Beige, Direct mounting	4008190146627	20 pc(s).
TW 4 SAK4-10 BL	0130180000	SAK Series, Separation plate, 1.5 mm, Blue	4008190114138	20 pc(s).
TW SAK4-10 KRG/BL	0130170000	SAK Series, Separation plate, 2.25 mm, Blue, Direct mounting	4008190063757	20 pc(s).
TW 4 SAK4-10	0130160000	SAK Series, Separation plate, 1.5 mm, Beige	4008190096335	20 pc(s).

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Accessories
Custom printing


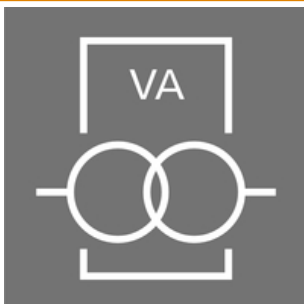
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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6.5 MC SDR	1609850000	Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50 Weidmueller, To customer specification	4008190456610	180 pc(s).

Test plug

Current and voltage transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
PS 2.3 RT	0180400000	Accessories, Test plug	4008190060121	20 pc(s).

SAK Series SAKT 1/35/LT STB

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Accessories

QB RA



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
QB 2 WI RA6 IS	0482700000	SAK Series, Cross- connector, for cross- connection link, No. of poles: 2	4008190166021	50 pc(s).
QB 4 WI RA6 IS	0482900000	SAK Series, Cross- connector, for cross- connection link, No. of poles: 4	4008190086169	50 pc(s).
QB 3 WI RA6 IS	0482800000	SAK Series, Cross- connector, for cross- connection link, No. of poles: 3	4008190145217	50 pc(s).

End plates



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
AP SAK4-10 KRG	0117920000	SAK Series, End plate, 1.5 mm, Dark Beige, Yellow, Direct mounting	4008190135904	20 pc(s).
AP SAK4-10 RT	0117900000	SAK Series, End plate, 1.5 mm, Red, Direct mounting	4008190125059	20 pc(s).
AP SAK4-10 BL	0117980000	SAK Series, End plate, 1.5 mm, Blue, Direct mounting	4008190171087	20 pc(s).
AP SAK4-10 KRG/BL	0117970000	SAK Series, End plate, 1.5 mm, Blue, Direct mounting	4008190049607	20 pc(s).
AP SAK4-10 DB	0105100000	SAK Series, End plate, 1.5 mm, Dark Beige, Direct mounting	4008190394875	20 pc(s).

Data sheet**SAK Series
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Accessories

AP SAK4-10 0117910000	SAK Series, End plate, 1.5 4008190183707 20 pc(s). mm, Light Grey, Direct mounting
AP SAK4-10 0117960000	SAK Series, End plate, 1.5 4008190081485 20 pc(s). mm, Beige, Direct mounting
