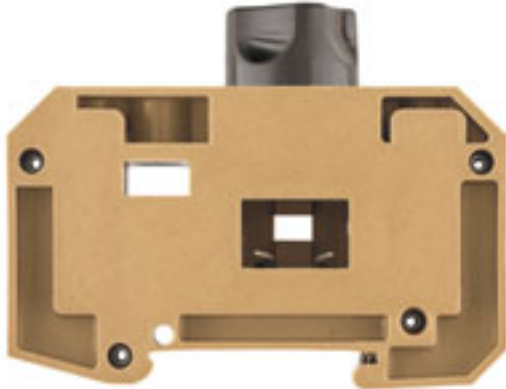


SAK Series
SAKS 5/35**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

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

Type	SAKS 5/35
Order No.	0502 120000
Version	SAK Series, Fuse terminal, Rated cross-section: 16 mm ² , Screw connection, medium yellow, Direct mounting
GTIN (EAN)	4008190142360
Qty.	20 pc(s).

Creation date May 1, 2020 12:27:17 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Width	28 mm	Width (inches)	1.102 inch
Height	80 mm	Height (inches)	3.15 inch
Depth	65 mm	Depth (inches)	2.559 inch
Depth including DIN rail	66 mm	Net weight	108.35 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	KrG	Colour	medium yellow
UL 94 flammability rating	V-0, 5VA		

System specifications

Version	Screw connection, Fuse cartridge, for screwable cross-connection, One end without connector	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
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	closed
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	12400-159-154	Current size C (CSA)	63 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	14 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	16 mm ²
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Technical data**Conductors for clamping (rated connection)**

Blade size	1.0 x 5.5 mm	Clamping range, max.	16 mm ²
Clamping range, min.	1.5 mm ²	Clamping screw	M 4
Connection cross-section, stranded, max.	16 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	B7
Number of connections	2	Stripping length	13 mm
Tightening torque, max.	2.4 Nm	Tightening torque, min.	1.2 Nm
Torque level with DMS electric screwdriver	4	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 14
Wire connection cross section, finely stranded, max.	16 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²	Wire connection cross-section, finely stranded, min.	1.5 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	1.5 mm ²

Display element

Operating voltage for display, max.	400 V	Type of voltage for indicator	AC
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Fuse terminals

Cartridge fuse	E18	Display	Without LED
Fuse holder (cartridge holder)	for screw fixing	Operating voltage, max.	400 V
Type of voltage for indicator	AC		

Rating data

Rated cross-section	16 mm ²	Rated voltage	400 V
Rated current	63 A	Current at maximum wires	63 A
Standards	IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	0.42 mΩ
Power loss in accordance with IEC 60947-7-x	2.43 W	Rated impulse withstand voltage	6 kV
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	6 AWG
Conductor size Factory wiring min. (UR)	14 AWG	Conductor size Field wiring max. (UR)	6 AWG
Conductor size Field wiring min. (UR)	14 AWG	Current size C (UR)	40 A
Voltage size C (UR)	600 V		

Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
eClass 9.0	27-14-11-16	eClass 9.1	27-14-11-16
eClass 10.0	27-14-11-16	UNSPSC	30-21-18-11

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

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[DE_PT1313_20160418_604_ISSUE01.pdf](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

Engineering Data

[STEP](#)

User Documentation

[StorageConditionsTerminalBlocks](#)**Safety note**

Safety notice

[Safety Information](#)

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Accessories

Partition plates



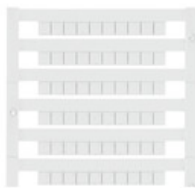
Klippon® Connect with clamping yoke Technology

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

Type	WTW EN	Version
Order No.	105880000	W-Series, Separation plate
GTIN (EAN)	4008190140175	
Qty.	20 pc(s).	

Custom printing



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

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/5 MC SDR	Version
Order No.	1609810000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190456597	Weidmueller, To customer specification
Qty.	200 pc(s).	

SAK Series SAKS 5/35

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Accessories

Blank



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- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
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General ordering data

Type	DEK 5/5 MC NE WS	Version	
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00	
GTIN (EAN)	4008190397111	Weidmueller, white	
Qty.	1,000 pc(s).		

Gauge rings



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General ordering data

Type	P 18/50 D02 WS SAKS5	Version	
Order No.	0362100000	Accessories, Gauge ring (automatic circuit breaker), 50 A	
GTIN (EAN)	4008190081874		
Qty.	50 pc(s).		
Type	P 18/20 D02 BL SAKS5	Version	
Order No.	0361800000	Accessories, Gauge ring (automatic circuit breaker), 20 A	
GTIN (EAN)	4008190106249		
Qty.	50 pc(s).		
Type	P 18/25 D02 GE SAKS5	Version	
Order No.	0361900000	Accessories, Gauge ring (automatic circuit breaker), 25 A	
GTIN (EAN)	4008190091101		
Qty.	50 pc(s).		

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Accessories

Type	P 18/35 D02 SW SAKS5	Version
Order No.	0362000000	Accessories, Gauge ring (automatic circuit breaker), 35 A
GTIN (EAN)	4008190070175	
Qty.	50 pc(s).	

Screwing



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General ordering data

Type	BFSC M4X9T	Version
Order No.	0103300000	Accessories, Mounting screw, for cross-connection link
GTIN (EAN)	4008190023348	
Qty.	100 pc(s).	

Fuses



Klippon® Connect with clamping yoke Technology

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General ordering data

Type	E 18/20A BL	Version
Order No.	0361300000	Active components, Cartridge fuse
GTIN (EAN)	4008190113131	
Qty.	10 pc(s).	
Type	E 18/35A SW	Version
Order No.	0361500000	Active components, Cartridge fuse
GTIN (EAN)	4008190131005	
Qty.	10 pc(s).	
Type	E 18/25A GE	Version
Order No.	0361400000	Active components, Cartridge fuse
GTIN (EAN)	4008190080785	
Qty.	10 pc(s).	
Type	E 18/50A WS	Version
Order No.	0361600000	Active components, Cartridge fuse
GTIN (EAN)	4008190144173	
Qty.	10 pc(s).	

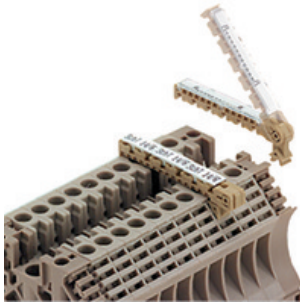
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Accessories

Type	E 18/63A KU	Version	
Order No.	0361700000	Active components, Cartridge fuse	
GTIN (EAN)	4008190083861		
Qty.	10 pc(s).		

SchT group marker carrier



The SchT 5 S group tag carriers are clipped directly onto the TS 32 mounting rail (G-rail) or the TS 35 mounting rail (top-hat rail). It is therefore possible to label the terminal strip irrespective of the terminal and the type of terminal. SchT 5 and SchT 5 S are fitted with ESO 5, STR 5 protective strips.

The SchT 7 is a hinged group tag carrier for inlay tags which enables easy access to the clamping screw. The SchT 7 is fitted with ESO 7, STR 7 protective strips or DEK 5.

SchT 9/4 and SchT 14/6 are hinged group tag carriers for single dekafix and WS tags that enable easy access to the clamping screw.

SchT 9/4 and SchT 14/6 are fitted with WS or DEK. Inlay tags and protective strips can be found under "Accessories".

General ordering data

Type	SCHT 7	Version	
Order No.	0517960000	SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00	
GTIN (EAN)	4008190001742	Weidmueller, white	
Qty.	20 pc(s).		

QL / SAKS



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General ordering data

Type	QL 2 SAKS2	Version	
Order No.	0207800000	SAK Series, Cross-connector, for cross-connection link, Number of poles: 2	
GTIN (EAN)	4008190144364		
Qty.	20 pc(s).		
Type	QL 10 SAKS2	Version	
Order No.	0338900000	SAK Series, Cross-connector, for cross-connection link, Number of poles: 10	
GTIN (EAN)	4008190105723		
Qty.	20 pc(s).		

Data sheet**SAK Series
SAKS 5/35**

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Accessories

Type	QL 4 SAKS2	Version
Order No.	0208000000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190069100	poles: 4
Qty.	20 pc(s).	