SAK Series
SAKS 3/35 G/5X30 500V

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 easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	SAKS 3/35 G/5X30 500V
Order No.	0328920000
Version	SAK Series, Fuse terminal, Rated cross-section: 10 mm², Screw connection, medium yellow, Direct mounting
GTIN (EAN)	4008190113339
Qty.	20 pc(s).

Creation date May 15, 2019 10:30:37 AM CEST

SAK Series
SAKS 3/35 G/5X30 500V

Technical data

Dimensions and weights

Width	13 mm	Width (inches)	0.512 inch
Height	54 mm	Height (inches)	2.126 inch
Depth	53.5 mm	Depth (inches)	2.106 inch
Net weight	42.5 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, One end without connector	Tightening torque (clamping screw for copper conductors)	
			1.2...2.4 Nm
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	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)	10 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	22 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	10 mm²

Creation date May 15, 2019 10:30:37 AM CEST

Technical data

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	16 mm²
Clamping range, min.	0.33 mm²	Clamping screw	M 4
Connection cross-section, stranded, max.	10 mm²	Connection cross-section, stranded, min.	1.5 mm²
Connection direction	on side	Gauge to IEC 60947-1	B6
Number of connections	2	Stripping length	12 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 10	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	10 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross-section, solid core, max.	16 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

Display element

Operating voltage for display, max.	500 V	Type of voltage for indicator	AC/DC

Fuse terminals

Cartridge fuse	G-Si. 5 x 30	Display	Without LED
Fuse holder (cartridge holder)	pluggable	Operating voltage, max.	500 V
Type of voltage for indicator	AC/DC		

Rating data

Rated cross-section	10 mm²	Rated voltage	500 V
Rated current	10 A	Current at maximum wires	10 A
Volume resistance according to IEC 60947-7-x	0.56 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)	8 A
Voltage size C (UR)	600 V		

Classifications

ETIM 3.0	EC000899	ETIM 4.0	EC000899
ETIM 5.0	EC000899	ETIM 6.0	EC000899
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-16
eClass 6.2	27-14-11-16	eClass 7.1	27-14-11-16
eClass 8.1	27-14-11-16	eClass 9.0	27-14-11-16
eClass 9.1	27-14-11-16		

Creation date May 15, 2019 10:30:37 AM CEST

Catalogue status 01.05.2019 / We reserve the right to make technical changes.

3

SAK Series
SAKS 3/35 G/5X30 500V

Technical data

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1313_20160418_597_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD

Safety note

Safety notice	Safety Information

Creation date May 15, 2019 10:30:37 AM CEST

SAK Series
SAKS 3/35 G/5X30 500V

Accessories

Fuses

Klippon® Connect with clamping yoke Technology
The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
G 25/2.00A/ F BL	0192700000	Active components, Fuse	4008190176402	10 pc(s).
G 25/1.00A/ M RT	0265800000	Active components, Fuse	4008190141660	10 pc(s).
G 20/4.00A/F	0431200000	Active components, Fuse	4008190022983	10 pc(s).
G 20/2.00A/F	0430900000	Active components, Fuse	4008190123567	10 pc(s).
G 25/0.25A/ M GE	0546900000	Active components, Fuse	4008190097370	10 pc(s).
G 20/0.63A/F	0439000000	Active components, Fuse	4008190131210	10 pc(s).
G 20/5.00A/F	0431300000	Active components, Fuse	4008190185381	10 pc(s).
G 20/1.60A/F	0430800000	Active components, Fuse	4008190031503	10 pc(s).
E 16/25A GE TNDZ	0208800000	Active components, Cartridge fuse	400819003731	25 pc(s).
G 25/6.30A/ F GN	0192900000	Active components, Fuse	4008190135461	10 pc(s).
G 25/4.00A/ F BR	0192800000	Active components, Fuse	4008190115319	10 pc(s).
G 20/0.10A/F	0430300000	Active components, Fuse	4008190077174	10 pc(s).
G 20/1.00A/F	0430700000	Active components, Fuse	4008190093877	10 pc(s).
G 20/2.50A/F	0431000000	Active components, Fuse	4008190085513	10 pc(s).
G 25/10.0A/ M RT	0193100000	Active components, Fuse	4008190023799	10 pc(s).
G 25/0.80A/ M GR	0646400000	Active components, Fuse	4008190060794	10 pc(s).
G 20/0.25A/F	0430500000	Active components, Fuse	4008190153991	10 pc(s).
G 20/0.50A/F	0430600000	Active components, Fuse	4008190046835	10 pc(s).
G 20/6.30A/F	0431400000	Active components, Fuse	4008190086053	10 pc(s).
G 20/0.20A/F	0430400000	Active components, Fuse	4008190152383	10 pc(s).
G 25/0.50A/ M WS	0510300000	Active components, Fuse	4008190018368	10 pc(s).
G 20/3.15A/F	0431100000	Active components, Fuse	4008190012977	10 pc(s).

Creation date May 15, 2019 10:30:37 AM CEST

Catalogue status 01.05.2019 / We reserve the right to make technical changes.

5

SAK Series
SAKS 3/35 G/5X30 500V
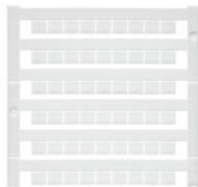
Accessories

Slotted screwdriver

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SDS 1.0X5.5X150	9008350000	Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade thickness (A): 1 mm	4032248056316	1 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	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).

Creation date May 15, 2019 10:30:37 AM CEST

Weidmüller

SAK Series
SAKS 3/35 G/5X30 500V

Accessories

Plus

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	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/8 PLUS MC NE WS	1046350000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 Weidmueller, white	4032248782055	800 pc(s).

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

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.
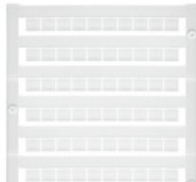
General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/8 MC NE WS	1856740000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 Weidmueller, white	4032248400850	800 pc(s).

Creation date May 15, 2019 10:30:37 AM CEST

Data sheet

SAK Series
SAKS 3/35 G/5X30 500V

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Accessories

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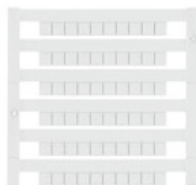
• Large range of ready-to-use markers
• Strips for fast installation
• Terminal markers, suitable for all Weidmüller cable connectors
• Available as blank MultiCard or with standard printing

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	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 MC SDR	1609830000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, To customer specification	4008190456603	200 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	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/5 MC SDR	1609810000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm	4008190456597	200 pc(s).

Creation date May 15, 2019 10:30:37 AM CEST

SAK Series
SAKS 3/35 G/5X30 500V

Accessories

(P): 5.00 Weidmueller, To
customer specification

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	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/8 PLUS MC SDR	1046370000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 Weidmueller, To customer specification	4032248782079	160 pc(s).
DEK 5/8 MC SDR	1856750000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 Weidmueller, To customer specification	4032248400867	160 pc(s).

End bracket
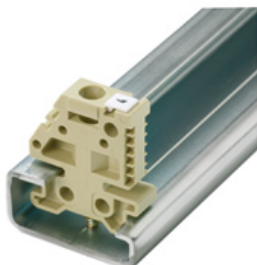
Klippon® Connect with clamping yoke Technology
The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
EWK 1 ALT	0495160000	Accessories, End bracket	4008190160777	50 pc(s).
EWK 1	0206160000	Accessories, End bracket	4008190080020	50 pc(s).
EW 35	0383560000	Accessories, End bracket	4008190181314	50 pc(s).
EWK 2	0199360000	Accessories, End bracket	4008190023546	50 pc(s).

Creation date May 15, 2019 10:30:37 AM CEST

**SAK Series
SAKS 3/35 G/5X30 500V**

Accessories

WEW 32/1	1067600000		W-Series, End bracket	4008190099657 50 pc(s).

Marking Holder

Spring connection with tension clamp Technology
Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
BZT 1 WS 10/5	1805490000	Accessories, Marker holder	4032248270231	100 pc(s).
BZT 1 ZA WS 10/5	1805520000	Accessories, Marker holder	4032248270248	100 pc(s).

End plates

Klippon® Connect with clamping yoke Technology
The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.
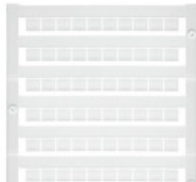
General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
AP SAKS1+3 KRG/DB	0191300000	SAK Series, End plate, 3 mm, dark beige, Direct mounting	4008190099763	20 pc(s).
AP SAKS1+3 KRG	0191320000	SAK Series, End plate, 3 mm, dark beige, yellow, Direct mounting	4008190031688	20 pc(s).

Creation date May 15, 2019 10:30:37 AM CEST

SAK Series
SAKS 3/35 G/5X30 500V

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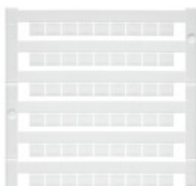
- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 MC NE WS	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, white	4008190203436	1,000 pc(s).

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

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

Creation date May 15, 2019 10:30:37 AM CEST

Catalogue status 01.05.2019 / We reserve the right to make technical changes.

11

SAK Series
SAKS 3/35 G/5X30 500V

Accessories

DEK 5/8

WS/ DEK

MultiMark DEK/WS connector markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/8 MM	2007130000	Dekafix, Terminal marker, 5	4050118392012	500 pc(s).
WS		x 8 mm, Weidmueller, white		

Creation date May 15, 2019 10:30:37 AM CEST

SAK Series
SAKS 3/35 G/5X30 500V

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

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

Creation date May 15, 2019 10:30:37 AM CEST

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for DIN Rail Terminal Blocks *category:*

Click to view products by Weidmuller *manufacturer:*

Other Similar products are found below :

00110201060 00110410002 00110420002 00110420004 00110420202 00110420302 00110430002 00110430402 00110440002 00175111500 0117960000 AP SAK4-10 0117980000 AP SAK4-10 BL 0203069 0205067 0210421 0260015 0261014 0261027 0270018 0271017 0279560000 AP SAK2.5 0279580000 AP SAK2.5 BL 0302216 0303370 0303396 0304298 0305080 0305226 0305297 0305352 0308210 0309086 0309109 0309112 0309549 0310321 0310389 0311087 0311126 0311142 0311171 031-12 0311359 0311540 0311728 0311760 031-238 0313085 0321019 0328920000 SAKS 3/35 G/5X30 500V