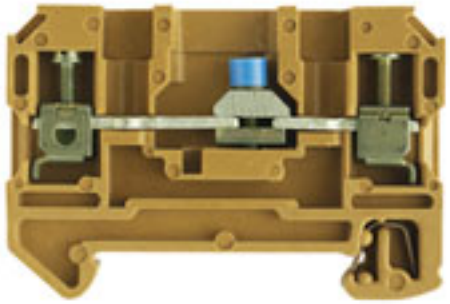
SAK Series
SAKT 4/35/LT O.STB

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 1429-0
Fax: +49 5231 14292083
www.weidmueller.com



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

Available until	2020-12-31
Type	SAKT 4/35/LT O.STB
Order No.	1272420000
Version	SAK Series, Test-disconnect terminal, Rated cross-section: 4 mm², Screw connection, Medium Yellow, Direct mounting
GTIN (EAN)	4008190168483
Qty.	50 pc(s).
Alternative product	1016700000

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Technical data

Dimensions and weights

Width	6 mm	Width (inches)	0.236 inch
Height	57.2 mm	Height (inches)	2.252 inch
Depth	40 mm	Depth (inches)	1.575 inch
Net weight	15.24 g		

Temperatures

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, Special terminal longitudinal isolator, for screwable cross-connection, One end without connector	Tightening torque (clamping screw for copper conductors)	0.4...0.7 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	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		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm²

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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	6 mm²
Clamping range, rated connection, min.	0.13 mm²	Clamping screw	M 2.5
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	2	Stripping length	10 mm
Tightening torque, max.	0.7 Nm	Tightening torque, min.	0.4 Nm
Torque level with DMS electric screwdriver	1	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm²
Wire connection cross section, finely stranded, max.	4 mm²	Wire connection cross section, solid core max. rated connection	6 mm²
Wire connection cross section, solid core, min. rated connection	0.5 mm²	Wire connection cross section, stranded, rated connection, max.	4 mm²
Wire connection cross section, stranded, rated connection, min.	1.5 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²

Disconnect terminals

Cross-disconnect	without	Integral test socket	No
Slitting	sliding		

Rating data

Rated cross-section	4 mm²	Rated voltage	400 V
Rated current	32 A	Current at maximum wires	41 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3

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	2 conductors with the same cross-section can be mounted. Solid 1.5 mm² and flexible 0.5 … 1.5 mm²
Descriptive text accessories	To safe the test sockets use the SD-blade or bits with pilots!

Approvals

Approvals	
ROHS	Conform

Creation date January 1, 2018 5:16:45 AM CET

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Technical data

Downloads

Approval/Certificate/Document of Conformity	DE_PT1314_20160418_626_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD

Safety note

Safety notice	Safety Information

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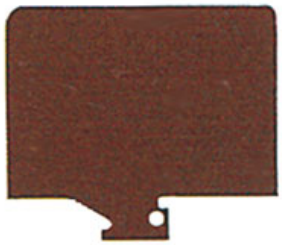
Accessories

Partition plates



Klippon® Connect with clamping yoke Technology
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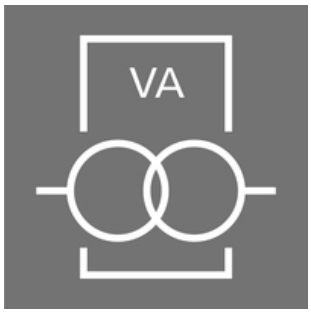
General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
TW AST1/PA HP/DBR/0.5	0474700000	SAK Series, Seperation plate, 0.5 mm, Dark brown	4008190078508	20 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 2.0 OR	0293800000	Accessories, Test plug	4008190042356	20 pc(s).
PS 2.3 RT	0180400000	Accessories, Test plug	4008190060121	20 pc(s).

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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 MC NE OR	1912090000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Orange	4032248540525	1,000 pc(s).
DEK 5/6 MC NE BR	1454900000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Brown	4050118323313	1,000 pc(s).
DEK 5/6 MC NE GN	1238310000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Green	4050118271812	1,000 pc(s).
DEK 5/6 MC NE BL	1238290000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Blue	4050118267327	1,000 pc(s).
DEK 5/6 MC NE GE	1238280000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Yellow	4050118038750	1,000 pc(s).
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).
DEK 5/6 MC NE GR	1238330000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Grey	4050118323306	1,000 pc(s).

Weidmüller

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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).

End bracket

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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
EW 35	0383560000	Accessories, End bracket	4008190181314	50 pc(s).
EWK 1	0206160000	Accessories, End bracket	4008190080020	50 pc(s).
EW 35 GR 7032	0383530000	Accessories, End bracket	4008190027322	50 pc(s).
EW 35/ SCHA/M3	0258660000	Accessories, End bracket	4008190033477	20 pc(s).

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Accessories

Blank

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- 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 5/5 MC NE WS	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, White	4008190397111	1,000 pc(s).

Custom printing

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- Terminal markers, suitable for all Weidmüller cable connectors
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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
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).
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).

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Accessories

Plus

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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 PLUS MC NE WS	1011320000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, White	4032248717644	1,000 pc(s).

Partition plates

Klippon® Connect with clamping yoke Technology
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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WTW EN	1058800000	W-Series, Seperation plate	4008190140175	20 pc(s).

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Accessories

Shorting link

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.
QVS 2/4 SAKT4	1319260000	SAK Series, Cross-connector, Cross-connector, No. of poles: 2	4008190136512	20 pc(s).

QL / SAK 2.5

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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
QL 10 SAK2.5	0338100000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 10	4008190189426	20 pc(s).
QL 3 SAK2.5	0156000000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 3	4008190027360	100 pc(s).
QL 2 SAK2.5	0155900000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 2	4008190145408	100 pc(s).
QL 4 SAK2.5	0156100000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 4	4008190076443	50 pc(s).

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- 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 5/5 MC SDR	1609810000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, To customer specification	4008190456597	200 pc(s).

Custom printing

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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).
DEK 5/6 PLUS MC SDR	1038650000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, To customer specification	4032248767908	200 pc(s).

Weidmüller

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Accessories

Connection sleeves

VH 12/4.9/3.3 024900

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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
VH 16/5/3.5 SAK10-35	0309700000	SAK Series, Connecting sleeve, for cross-connection link, No. of poles:	4008190037024	50 pc(s).
VH 8/4.9/3.3 SAK2.5	0266700000	SAK Series, Connecting sleeve, for cross-connection link, No. of poles:	4008190152031	100 pc(s).

Blank

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text.
WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.
- Can be fitted in strips or individually
- Markers in proven MultiCard format

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 8/5 MC NE WS	1640740000	WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, White	4008190279103	720 pc(s).

Weidmüller

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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

- Compatible with W, Z, P and SAK series terminal blocks
- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Space for multi-line printing

General ordering data

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

Blank

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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).

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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).

DEK 5/6

WS/ DEK
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- Firm hold and durable printing
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- Easy mounting thanks to an innovative composite material
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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 MM WS	2007120000	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, White	4050118392104	600 pc(s).

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Accessories

Non-insulated sockets

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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
STB 8.5/5/2.3/ M3 SAK2.5	0280600000	Accessories, Socket	4008190023188	50 pc(s).
STB 8.5/ D4.5/2/M3 SAKT4	0244600000	SAK Series, Socket	4008190103828	50 pc(s).

Plus

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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).