

**SAKS 5/35****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

**General ordering data**

Version	Fuse terminal, Screw connection, Fuse cartridge, for screwable cross-connection, One end without connector, Screw connection, 16 mm <sup>2</sup> , 400 V, 63 A, E18, medium yellow
Order No.	<a href="#">0502120000</a>
Type	SAKS 5/35
GTIN (EAN)	4008190142360
Qty.	20 pc(s).

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## Technical data

## Dimensions and weights

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

## Temperatures

Storage temperature	-25 °C...55 °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 <sup>2</sup>	Connection type, additional connection	Screw connection
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## Technical data

## Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	16 mm <sup>2</sup>
Clamping range, min.	1.5 mm <sup>2</sup>	Clamping screw	M 4
Connection cross-section, stranded, max.	16 mm <sup>2</sup>	Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
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 screw-driver	4	Type of connection	Screw connection
Type of connection 2	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 <sup>2</sup>
Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>		

## Display element

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		

## General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-3	Wire connection cross section AWG, max.	AWG 6
Wire connection cross section AWG, min.	AWG 14		

## Rating data

Rated cross-section	16 mm <sup>2</sup>	Rated voltage	400 V
Rated DC 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	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	2.43 W	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		

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## Technical data

## Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	EC000899	ETIM 9.0	EC000899
ECLASS 9.0	27-14-11-16	ECLASS 9.1	27-14-11-16
ECLASS 10.0	27-14-11-16	ECLASS 11.0	27-14-11-16
ECLASS 12.0	27-14-11-16	ECLASS 13.0	27-25-01-13

## Important note

Product information      The voltage depends on the selected fuse element or the selected indicator light

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">VDE Certificate</a> <a href="#">Lloyds Register Certificate</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Fuse holder**

The fuse holder SIHA quickly turns a disconnect terminal into a fuse terminal: simply remove the disconnect lever and attach the fuse unit.

**General ordering data**

Type	SK G20/SAKS1	Version
Order No.	<a href="#">0282100000</a>	Screw cover cap (terminal)
GTIN (EAN)	4008190004606	
Qty.	20 pc(s).	
Type	SK E14 SAKS4	Version
Order No.	<a href="#">0339410000</a>	Screw cover cap (terminal)
GTIN (EAN)	4008190032104	
Qty.	20 pc(s).	
Type	SK SAKS1/G25	Version
Order No.	<a href="#">0282000000</a>	Screw cover cap (terminal)
GTIN (EAN)	4008190078492	
Qty.	20 pc(s).	
Type	SK E18 SAKS5	Version
Order No.	<a href="#">0359310000</a>	Screw cover cap (terminal)
GTIN (EAN)	4008190002121	
Qty.	20 pc(s).	
Type	SK E16/SAKS2	Version
Order No.	<a href="#">0284110000</a>	Screw cover cap (terminal)
GTIN (EAN)	4008190006204	
Qty.	25 pc(s).	

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## Accessories

## DEK 5/8



## WS/ DEK

MultiMark terminal 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	DEK 5/8 MM WS	Version
Order No.	<a href="#">2007130000</a>	Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392012	
Qty.	500 pc(s).	

## Miscellaneous



We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

## General ordering data

Type	SS M4 D 128-A 4	Version
Order No.	<a href="#">0136400000</a>	Lock washer, Copper
GTIN (EAN)	4008190118143	
Qty.	100 pc(s).	

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## Accessories

## 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.

Inlay tags and protective strips can be found under "Accessories".

## General ordering data

Type	SCHT 7	Version
Order No.	<a href="#">0517960000</a>	SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00
GTIN (EAN)	4008190001742	Weidmueller, white
Qty.	20 pc(s).	

## Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

## General ordering data

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

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## Accessories

## E 18

E 18

Weidmueller offers NEOZED fuses in E 18 design in sizes from 20 A to 63 A.

## General ordering data

Type	E 18/20A BL	Version
Order No.	<a href="#">0361300000</a>	Active components, Cartridge fuse
GTIN (EAN)	4008190113131	
Qty.	10 pc(s).	
Type	E 18/35A SW	Version
Order No.	<a href="#">0361500000</a>	Active components, Cartridge fuse
GTIN (EAN)	4008190131005	
Qty.	10 pc(s).	
Type	E 18/50A WS	Version
Order No.	<a href="#">0361600000</a>	Active components, Cartridge fuse
GTIN (EAN)	4008190144173	
Qty.	10 pc(s).	
Type	E 18/63A KU	Version
Order No.	<a href="#">0361700000</a>	Active components, Cartridge fuse
GTIN (EAN)	4008190083861	
Qty.	10 pc(s).	
Type	E 18/25A GE	Version
Order No.	<a href="#">0361400000</a>	Active components, Cartridge fuse
GTIN (EAN)	4008190080785	
Qty.	10 pc(s).	

## W-Series

W  
Series

A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

## General ordering data

Type	WTW EN	Version
Order No.	<a href="#">1058800000</a>	Partition plate (terminal), Intermediate plate, 86 mm x 62 mm, dark beige
GTIN (EAN)	4008190140175	
Qty.	20 pc(s).	



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## Accessories

## Gauge rings



Gauge rings are used to protect against the using of incorrectly selected fuse sizes. They are simply inserted into the respective fuse base and prevent the using of bigger fuses.

## General ordering data

Type	P 18/20 D02 BL SAKS5	Version
Order No.	<a href="#">0361800000</a>	Fuse gauge ring (terminal), Height: 11 mm, Depth: 10.5 mm,
GTIN (EAN)	4008190106249	Aluminium, blue
Qty.	50 pc(s).	
Type	P 18/35 D02 SW SAKS5	Version
Order No.	<a href="#">0362000000</a>	Fuse gauge ring (terminal), Height: 11 mm, Depth: 10.5 mm,
GTIN (EAN)	4008190070175	Aluminium, black
Qty.	50 pc(s).	
Type	P 18/50 D02 SI SAKS5	Version
Order No.	<a href="#">0362100000</a>	Fuse gauge ring (terminal), Height: 11 mm, Depth: 10.5 mm,
GTIN (EAN)	4008190081874	Aluminium, silver
Qty.	50 pc(s).	
Type	P 18/25 D02 GE SAKS5	Version
Order No.	<a href="#">0361900000</a>	Fuse gauge ring (terminal), Height: 11 mm, Depth: 10.5 mm,
GTIN (EAN)	4008190091101	Aluminium, yellow
Qty.	50 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

**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 NE WS	Version
Order No.	<a href="#">1609801044</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

## QL / SAKS

Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.



## General ordering data

Type	QL 10 SAKS2	Version
Order No.	<a href="#">0338900000</a>	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	4008190105723	Pitch in mm (P): 10.00, Insulated: No, 36 A, grey
Qty.	20 pc(s).	
Type	QL 2 SAKS2	Version
Order No.	<a href="#">0207800000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190144364	Pitch in mm (P): 27.60, Insulated: No, 36 A, grey
Qty.	20 pc(s).	
Type	QL 4 SAKS2	Version
Order No.	<a href="#">0208000000</a>	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190069100	Pitch in mm (P): 27.60, Insulated: No, 36 A, grey
Qty.	20 pc(s).	

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## Accessories

## Screws



Depending on the terminal block or also accessories, we offer different types of screws as additional items or also spare parts.

## General ordering data

Type	BFSC M4X9T	Version
Order No.	<a href="#">0103300000</a>	Mounting screw (Terminal)
GTIN (EAN)	4008190023348	
Qty.	100 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.	<a href="#">1609810000</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190456597	Weidmueller, To customer specification
Qty.	200 pc(s).	