

SAKS 1/35/G25

Weidmüller Interface GmbH & Co. KG

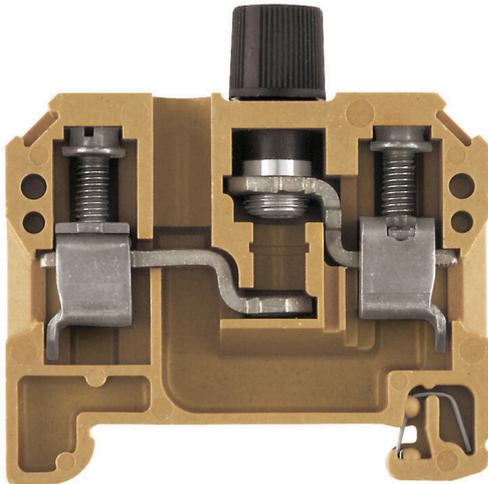
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



Fuse terminal blocks and component terminal blocks allow protective and functional elements to be integrated directly into the terminal strip. Fuse terminal blocks include built-in fuse holders to reliably protect electrical circuits against overload –ideal for control and distribution systems. Component terminal blocks make it possible to incorporate electronic components such as diodes, resistors, or LEDs directly into the wiring. This enables space-saving and clearly arranged implementation of switching functions and signal separation. Both types of terminal blocks ensure higher safety, easy maintenance, and a compact, function-oriented installation.

General ordering data

Version	Fuse terminal, Screw connection, medium yellow, 10 mm ² , 10 A, 500 V, Number of connections: 2, Number of levels: 1, TS 35
Order No.	0501520000
Type	SAKS 1/35/G25
GTIN (EAN)	4008190047801
Qty.	20 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

Dimensions and weights

Depth	53 mm	Depth (inches)	2.0866 inch
Height	54 mm	Height (inches)	2.126 inch
Width	13 mm	Width (inches)	0.5118 inch
Net weight	38.3 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

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

System specifications

Version	Screw connection, Fuse cartridge, One end without connector	End cover plate required	Yes
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
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

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

CSA rating data

Wire cross section max. (CSA)	10 AWG	Voltage size C (CSA)	600 V
Current size C (CSA)	10 A	Certificate No. (CSA)	12400-198
Wire cross section min. (CSA)	26 AWG		

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Technical data

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	10 mm ²	Connection type, additional connection	Screw connection
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Conductors for clamping (rated connection)

Gauge to IEC 60947-1	B6	Wire connection cross section AWG, max.	AWG 10
Connection direction	on side	Tightening torque, max.	2.4 Nm
Tightening torque, min.	1.2 Nm	Stripping length	12 mm
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	2	Clamping range, max.	16 mm ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 4
Blade size	1.0 x 5.5 mm	Wire connection cross section AWG, min.	AWG 26
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.13 mm ²	Wire connection cross section, finely stranded, max.	10 mm ²
Wire connection cross section, finely stranded, min.	0.13 mm ²	Connection cross-section, stranded, max.	10 mm ²
Connection cross-section, stranded, min.	0.13 mm ²	Torque level with DMS electric screwdriver	4
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	0.13 mm ²
Connection cross-section, finely stranded, min.	0.13 mm ²		

Fuse terminals

Cartridge fuse	G-Si. 5 x 25	Fuse holder (cartridge holder)	for screw fixing
Type of voltage for indicator	AC/DC	Display	Neon lamp
Operating voltage, max.	500 V		

General

Wire connection cross section AWG, max.	AWG 10	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 26	Standards	IEC 60947-7-3
Mounting rail	TS 35		

Rating data

Rated cross-section	10 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	10 A
Current at maximum wires	10 A	Standards	IEC 60947-7-3
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	1.82 W	Pollution severity	3

UL rating data

Conductor size Factory wiring max. (UR)	8 AWG	Current size C (UR)	6.3 A
Voltage size C (UR)	600 V	Conductor size Factory wiring min. (UR)	26 AWG

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Technical data

Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	22 AWG
Conductor size Field wiring max. (UR)	10 AWG		

Important note

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

Classifications

ETIM 8.0	EC000899	ETIM 9.0	EC000899
ETIM 10.0	EC000899	ECLASS 14.0	27-25-01-13
ECLASS 15.0	27-25-01-13		

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Accessories

Disconnect plugs



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

General ordering data

Type	QL 2 SAKS1	Version
Order No.	0191400000	Cross-connector (terminal), when screwed in, grey, 47 A, Number of poles: 2, Pitch in mm (P): 13.00, Insulated: No, Width: 18.9 mm
GTIN (EAN)	4008190123130	
Qty.	50 ST	
Type	QL 3 SAKS1	Version
Order No.	0191500000	Cross-connector (terminal), when screwed in, grey, 47 A, Number of poles: 3, Pitch in mm (P): 13.00, Insulated: No, Width: 31.9 mm
GTIN (EAN)	4008190036881	
Qty.	50 ST	

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	QL 4 SAKS1	Version
Order No.	0191600000	Cross-connector (terminal), when screwed in, grey, 47 A, Number of poles: 4, Pitch in mm (P): 13.00, Insulated: No, Width: 44.7 mm
GTIN (EAN)	4008190105518	
Qty.	20 ST	
Type	QL 10 SAKS1	Version
Order No.	0338800000	Cross-connector (terminal), when screwed in, grey, 36 A, Number of poles: 10, Pitch in mm (P): 13.00, Insulated: No, Width: 122.1 mm
GTIN (EAN)	4008190127039	
Qty.	20 ST	

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Accessories

End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

Type	AP SAKS1+3 KRG	Version
Order No.	0191320000	End plate for terminals, dark beige, yellow, Height: 54 mm, Width: 3 mm, V-0, KrG, Snap-on: Yes
GTIN (EAN)	4008190031688	
Qty.	20 ST	
Type	AP SAKS1+3 KRG/DB	Version
Order No.	0191300000	End plate for terminals, dark beige, Height: 54 mm, Width: 3 mm, V-0, KrG, Snap-on: Yes
GTIN (EAN)	4008190099763	
Qty.	20 ST	

Mounting support



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	KISC M3X6 SAKS1	Version
Order No.	0346200000	Clamping yoke, Mounting screw, Steel
GTIN (EAN)	4008190175658	
Qty.	100 ST	

Fuse



As accessories for our wide product portfolio of fuse terminal blocks, we also offer the appropriate fuse links. The portfolio includes device protection fuses (miniature fuses) from 5x20 mm up to 10x38 mm, E 14 to E 18 fuse links, as well as automotive fuses and automatic circuit breakers. Gauge rings for the fuse holders round off the overall portfolio.

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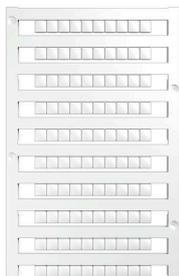
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Accessories

General ordering data

Type	G 25/0.25A/M GE	Version
Order No.	0546900000	Miniature fuse, medium time-lag, 0.25 A, G-Si. 5 x 25
GTIN (EAN)	4008190097370	
Qty.	10 ST	
Type	G 25/0.50A/M WS	Version
Order No.	0510300000	Miniature fuse, medium time-lag, 0.5 A, G-Si. 5 x 25
GTIN (EAN)	4008190018368	
Qty.	10 ST	
Type	G 25/0.80A/M GR	Version
Order No.	0646400000	Miniature fuse, medium time-lag, 0.8 A, G-Si. 5 x 25
GTIN (EAN)	4008190060794	
Qty.	10 ST	
Type	G 25/1.00A/M RT	Version
Order No.	0265800000	Miniature fuse, medium time-lag, 1 A, G-Si. 5 x 25
GTIN (EAN)	4008190141660	
Qty.	10 ST	
Type	G 25/2.00A/F BL	Version
Order No.	0192700000	Miniature fuse, quick-acting, 2 A, G-Si. 5 x 25
GTIN (EAN)	4008190176402	
Qty.	10 ST	
Type	G 25/4.00A/F BR	Version
Order No.	0192800000	Miniature fuse, quick-acting, 4 A, G-Si. 5 x 25
GTIN (EAN)	4008190115319	
Qty.	10 ST	
Type	G 25/6.30A/F GN	Version
Order No.	0192900000	Miniature fuse, quick-acting, 6.3 A, G-Si. 5 x 25
GTIN (EAN)	4008190135461	
Qty.	10 ST	
Type	G 25/10.0A/M RT	Version
Order No.	0193100000	Miniature fuse, medium time-lag, 10 A, G-Si. 5 x 25
GTIN (EAN)	4008190023799	
Qty.	10 ST	

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.

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Accessories

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.	1000 ST		

Testadapter and testsockets



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	PS 4 F.STB 4	Version	
Order No.	0299600000	Test adapter (terminal), 230 V	
GTIN (EAN)	4008190074043		
Qty.	20 ST		

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.	0517960000	SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00	
GTIN (EAN)	4008190001742	Weidmueller, white	
Qty.	20 ST		

Custom printing



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General ordering data

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

Blank



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

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

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Accessories

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General ordering data

Type	WTW EN	Version	
Order No.	1058800000	Partition plate (terminal), dark beige, Height: 86 mm, Width: 3 mm,	
GTIN (EAN)	4008190140175	V-0, Wemid	
Qty.	20 ST		

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	SDS 1.0X5.5X150	Version	
Order No.	9008350000	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056316		
Qty.	1 ST		

End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	WEW 32/1	Version	
Order No.	1067600000	End bracket, dark beige, TS 32, V-2, PA 66 GF 30, Width: 12 mm,	
GTIN (EAN)	4008190099657	100 °C	
Qty.	50 ST		

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Accessories

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Blank



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 - Strips for fast installation
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General ordering data

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

Custom printing



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

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

Plus



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

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

Custom printing



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

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

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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.	2007130000	Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white	
GTIN (EAN)	4050118392012		
Qty.	500 ST		

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