

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	SAK Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection, Wemid, dark beige, Direct mounting
Order No.	9532440000
Type	KDKS 1/35 DB
GTIN (EAN)	4032248039203
Qty.	50 items

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

Dimensions and weights

Depth	55 mm	Depth (inches)	2.1654 inch
Depth including DIN rail	54.6 mm	Height	73.5 mm
Height (inches)	2.8937 inch	Width	8.1 mm
Width (inches)	0.3189 inch	Net weight	20.32 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

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

Material data

Basic material	Wemid	Insulating material	Wemid
Colour	dark beige	UL 94 flammability rating	V-0

System specifications

Version	Screw connection, Fuse isolator, One end without connector	End cover plate required	Yes
Number of potentials	2	Number of levels	2
Number of clamping points per level	2	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 35

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)	12 AWG	Certificate No. (CSA)	12400-281
Voltage size D (CSA)	300 V	Current size D (CSA)	10 A
Wire cross section min. (CSA)	26 AWG		

KDKS 1/35 DB

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm ²	Connection type, additional connection	Screw connection
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Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Tightening torque, max.	0.8 Nm
Tightening torque, min.	0.5 Nm	Stripping length	8 mm
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	4	Clamping range, max.	4 mm ²
Clamping range, min.	0.22 mm ²	Clamping screw	M 3
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.22 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.22 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.22 mm ²	Connection cross-section, stranded, max.	4 mm ²
Connection cross-section, stranded, min.	0.22 mm ²	Twin wire-end ferrules, max.	1.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	0.22 mm ²	Connection cross-section, finely stranded, max.	4 mm ²
Connection cross-section, finely stranded, min.	0.22 mm ²		

Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Fuse holder (cartridge holder)	Pivoting
Type of voltage for indicator	AC	Display	Without LED
Operating voltage, max.	500 V	Power loss for short-circuit protection only for a composite arrangement	1.6 W at 6.3 A @ 41°C
Power loss for overload and short-circuit protection for an individual arrangement	1.6 W at 6.3 A @ 50°C	Power loss for overload and short-circuit protection for a composite arrangement	1.6 W at 6.3 A @ 23°C

General

Wire connection cross section AWG, max.	AWG 12	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 22	Standards	IEC 60947-7-3
Mounting rail	TS 35		

Rating data

Rated cross-section	4 mm ²	Rated voltage	440 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	440 V
Nominal current	6.3 A	Current at maximum wires	6.3 A
Standards	IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3		

Technical data**UL rating data**

Conductor size Factory wiring max. (UR)	12 AWG	Current size C (UR)	10 A
Voltage size C (UR)	300 V	Conductor size Factory wiring min. (UR)	26 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	22 AWG
Conductor size Field wiring max. (UR)	12 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		

Drawings



Accessories

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	QB 2 WI RA8 IS	Version
Order No.	0461100000	Cross-connector (terminal), when screwed in, grey, 27 A, Number of poles: 2, Pitch in mm (P): 8.00, Insulated: Yes, Width: 3 mm
GTIN (EAN)	4008190034818	
Qty.	50 ST	
Type	QB 3 WI RA8 IS	Version
Order No.	0461200000	Cross-connector (terminal), when screwed in, grey, 27 A, Number of poles: 3, Pitch in mm (P): 8.00, Insulated: Yes, Width: 3 mm
GTIN (EAN)	4008190161699	
Qty.	50 ST	
Type	QB 4 WI RA8 IS	Version
Order No.	0461300000	Cross-connector (terminal), when screwed in, grey, 27 A, Number of poles: 4, Pitch in mm (P): 8.00, Insulated: Yes, Width: 3 mm
GTIN (EAN)	4008190025373	
Qty.	50 ST	

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 KDKS1 DB	Version
Order No.	9532470000	End plate for terminals, dark beige, Height: 73.5 mm, Width: 1.5 mm,
GTIN (EAN)	4032248039227	V-0, Wemid, Snap-on: Yes
Qty.	20 ST	

Accessories

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.

General ordering data

Type	G 20/0.10A/F	Version
Order No.	0430300000	Miniature fuse, quick-acting, 0.1 A, G-Si. 5 x 20
GTIN (EAN)	4008190077174	
Qty.	10 ST	
Type	G 20/0.20A/F	Version
Order No.	0430400000	Miniature fuse, quick-acting, 0.2 A, G-Si. 5 x 20
GTIN (EAN)	4008190152383	
Qty.	10 ST	
Type	G 20/0.25A/F	Version
Order No.	0430500000	Miniature fuse, quick-acting, 0.25 A, G-Si. 5 x 20
GTIN (EAN)	4008190153991	
Qty.	10 ST	
Type	G 20/0.50A/F	Version
Order No.	0430600000	Miniature fuse, quick-acting, 0.5 A, G-Si. 5 x 20
GTIN (EAN)	4008190046835	
Qty.	10 ST	
Type	G 20/0.63A/F	Version
Order No.	0439000000	Miniature fuse, quick-acting, 0.63 A, G-Si. 5 x 20
GTIN (EAN)	4008190131210	
Qty.	10 ST	
Type	G 20/1.00A/F	Version
Order No.	0430700000	Miniature fuse, quick-acting, 1 A, G-Si. 5 x 20
GTIN (EAN)	4008190093877	
Qty.	10 ST	
Type	G 20/1.60A/F	Version
Order No.	0430800000	Miniature fuse, quick-acting, 1.6 A, G-Si. 5 x 20
GTIN (EAN)	4008190031503	
Qty.	10 ST	
Type	G 20/2.00A/F	Version
Order No.	0430900000	Miniature fuse, quick-acting, 2 A, G-Si. 5 x 20
GTIN (EAN)	4008190123567	
Qty.	10 ST	
Type	G 20/2.50A/F	Version
Order No.	0431000000	Miniature fuse, quick-acting, 2.5 A, G-Si. 5 x 20
GTIN (EAN)	4008190085513	
Qty.	10 ST	
Type	G 20/3.15A/F	Version
Order No.	0431100000	Miniature fuse, quick-acting, 3.15 A, G-Si. 5 x 20
GTIN (EAN)	4008190012977	
Qty.	10 ST	

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Accessories

Type	G 20/4.00A/F	Version
Order No.	0431200000	Miniature fuse, quick-acting, 4 A, G-Si. 5 x 20
GTIN (EAN)	4008190022983	
Qty.	10 ST	
Type	G 20/5.00A/F	Version
Order No.	0431300000	Miniature fuse, quick-acting, 5 A, G-Si. 5 x 20
GTIN (EAN)	4008190185381	
Qty.	10 ST	
Type	G 20/6.30A/F	Version
Order No.	0431400000	Miniature fuse, quick-acting, 6.3 A, G-Si. 5 x 20
GTIN (EAN)	4008190086053	
Qty.	10 ST	
Type	VH 25/5/3.4	Version
Order No.	0553300000	SAK Series, Contact sleeve
GTIN (EAN)	4008190095604	
Qty.	100 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.

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	

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	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		

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		

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		