

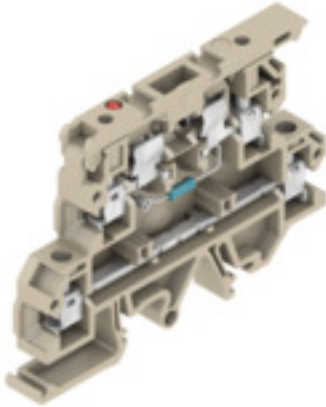
**KDKS 1EN/LLC 100-250V AC/DC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

**General ordering data**

Version	W-Series, Fuse terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection
Order No.	<a href="#">9915820001</a>
Type	KDKS 1EN/LLC 100-250V AC/DC
GTIN (EAN)	4050118175349
Qty.	50 pc(s).

Creation date January 30, 2022 9:44:55 PM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Depth	54.6 mm	Depth (inches)	2.15 inch
Height	76.5 mm	Height (inches)	3.012 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	20.694 g		

### Temperatures

Storage temperature	-25 °C...55 °C
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### Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

### System specifications

End cover plate required	Yes	Number of potentials	2
Number of levels	2	Number of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Rail	TS 32, TS 35
N-function	No	PE function	No
PEN function	No		

### Additional technical data

Open sides	right
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### CSA rating data

Certificate No. (CSA)	200039-70000261	Current size B (CSA)	25 A
Current size C (CSA)	25 A	Current size D (CSA)	10 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	150 V
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

### Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm
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**Technical data**

Clampable conductor	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	solid, H05(07) V-U		
		min.	0.5 mm <sup>2</sup>		
		max.	4 mm <sup>2</sup>		
		nominal	4 mm <sup>2</sup>		
	wire end ferrule	Stripping length	min.	9 mm	
			max.	9 mm	
		Tightening torque	min.	0.5 Nm	
			max.	0.8 Nm	
	Recommended wire-end ferrule				
	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	stranded, H07V-R		
min.		1.5 mm <sup>2</sup>			
max.		4 mm <sup>2</sup>			
nominal		4 mm <sup>2</sup>			
wire end ferrule	Stripping length	min.	9 mm		
		max.	9 mm		
	Tightening torque	min.	0.5 Nm		
		max.	0.8 Nm		
Recommended wire-end ferrule					
Connection specification		Screw connection			
Cross-section for conductor connection	Type	flexible, H05(07) V-K			
	min.	0.5 mm <sup>2</sup>			
	max.	4 mm <sup>2</sup>			
	nominal	4 mm <sup>2</sup>			
wire end ferrule	Stripping length	min.	9 mm		
		max.	9 mm		
	Tightening torque	min.	0.5 Nm		
		max.	0.8 Nm		
Recommended wire-end ferrule					
Clamping range, max.	4 mm <sup>2</sup>				
Clamping range, min.	0.22 mm <sup>2</sup>				
Clamping screw	M 3				
Connection cross-section, finely stranded, max.	4 mm <sup>2</sup>				
Connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>				
Connection cross-section, stranded, max.	4 mm <sup>2</sup>				
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>				
Connection direction	on side				
Gauge to IEC 60947-1	A3				
Tightening torque, max.	0.8 Nm				
Tightening torque, min.	0.5 Nm				
Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>				
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>				
Type of connection	Screw connection				
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>				
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>				
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm <sup>2</sup>				

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**Technical data**

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>
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Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>
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Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>
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**Fuse terminals**

Cartridge fuse	G-Si. 5 x 20	Display	Red LED
Leakage current, max.	0.089 mA	Power loss for overload and short-circuit protection for a composite arrangement	1.6 W at 6.3 A @ 23°C
Power loss for overload and short-circuit protection for an individual arrangement	1.6 W at 6.3 A @ 29°C	Power loss for short-circuit protection only for a composite arrangement	2.5 W at 6.3 A @ 41°C
Power loss for short-circuit protection only for an individual arrangement	4.0 W at 6.3 A @ 44°C		

**General**

Rail	TS 32, TS 35
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**PE rating data**

PEN function	No
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**Rating data**

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	250 V
Rated voltage to adjoining terminal	500 V	Rated current	6.3 A
Volume resistance according to IEC 60947-7-x	1 mΩ	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3	Surge voltage category	III

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size B (UR)	20 A
Current size C (UR)	20 A	Voltage size B (UR)	250 V
Voltage size C (UR)	300 V		

**Classifications**

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	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		

**Approvals**

Approvals



ROHS	Conform
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UL File Number Search	E60693
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**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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## Accessories

### 5x20



For protection against overcurrent, we offer cartridge fuse with dimensions 5x20 mm in sizes from 100 mA to 6.3 A.

### General ordering data

Type	G 20/0.63A/F	Version
Order No.	<a href="#">0439000000</a>	Active components, Fuse
GTIN (EAN)	4008190131210	
Qty.	10 pc(s).	
Type	G 20/0.10A/F	Version
Order No.	<a href="#">0430300000</a>	Active components, Fuse
GTIN (EAN)	4008190077174	
Qty.	10 pc(s).	
Type	G 20/4.00A/F	Version
Order No.	<a href="#">0431200000</a>	Active components, Fuse
GTIN (EAN)	4008190022983	
Qty.	10 pc(s).	
Type	G 20/0.20A/F	Version
Order No.	<a href="#">0430400000</a>	Active components, Fuse
GTIN (EAN)	4008190152383	
Qty.	10 pc(s).	
Type	G 20/0.50A/F	Version
Order No.	<a href="#">0430600000</a>	Active components, Fuse
GTIN (EAN)	4008190046835	
Qty.	10 pc(s).	
Type	G 20/2.50A/F	Version
Order No.	<a href="#">0431000000</a>	Active components, Fuse
GTIN (EAN)	4008190085513	
Qty.	10 pc(s).	
Type	G 20/2.00A/F	Version
Order No.	<a href="#">0430900000</a>	Active components, Fuse
GTIN (EAN)	4008190123567	
Qty.	10 pc(s).	
Type	G 20/6.30A/F	Version
Order No.	<a href="#">0431400000</a>	Active components, Fuse
GTIN (EAN)	4008190086053	
Qty.	10 pc(s).	
Type	G 20/5.00A/F	Version
Order No.	<a href="#">0431300000</a>	Active components, Fuse
GTIN (EAN)	4008190185381	
Qty.	10 pc(s).	
Type	G 20/0.25A/F	Version
Order No.	<a href="#">0430500000</a>	Active components, Fuse
GTIN (EAN)	4008190153991	
Qty.	10 pc(s).	

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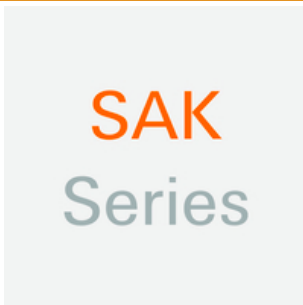
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## Accessories

Type	G 20/3.15A/F	Version
Order No.	<a href="#">0431100000</a>	Active components, Fuse
GTIN (EAN)	4008190012977	
Qty.	10 pc(s).	
Type	G 20/1.00A/F	Version
Order No.	<a href="#">0430700000</a>	Active components, Fuse
GTIN (EAN)	4008190093877	
Qty.	10 pc(s).	
Type	G 20/1.60A/F	Version
Order No.	<a href="#">0430800000</a>	Active components, Fuse
GTIN (EAN)	4008190031503	
Qty.	10 pc(s).	

## SAK-Series

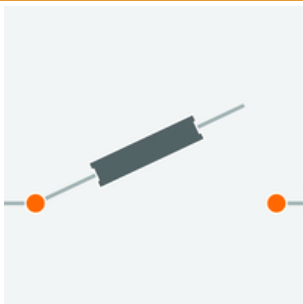


End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

### General ordering data

Type	AP KDKS1 DB	Version
Order No.	<a href="#">9532470000</a>	SAK Series, End plate, 1.5 mm, dark beige, Direct mounting
GTIN (EAN)	4032248039227	
Qty.	20 pc(s).	

## Contact sleeve



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	KOHUE ASK 1	Version
Order No.	<a href="#">0553300000</a>	SAK Series, Contact sleeve
GTIN (EAN)	4008190095604	
Qty.	100 pc(s).	

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## 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.

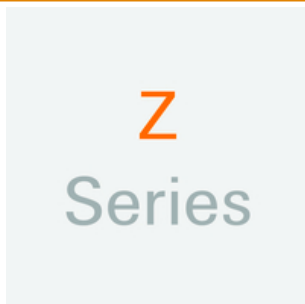
- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

**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.	<a href="#">1856750000</a>		Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400867		Weidmueller, To customer specification
Qty.	160 pc(s).		

### Z-Series



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	ZST 1	Version	
Order No.	<a href="#">1269070000</a>		Accessories, Accessories holder
GTIN (EAN)	4050118094091		
Qty.	25 pc(s).		



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## Accessories

### Blank



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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.	<a href="#">1856740000</a>	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400850	Weidmueller, white
Qty.	800 pc(s).	

### QB RA



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	QB 2 WI RA8 IS	Version
Order No.	<a href="#">0461100000</a>	SAK Series, Cross-connector, for cross-connection link, Number of poles: 2
GTIN (EAN)	4008190034818	
Qty.	50 pc(s).	
Type	QB 4 WI RA8 IS	Version
Order No.	<a href="#">0461300000</a>	SAK Series, Cross-connector, for cross-connection link, Number of poles: 4
GTIN (EAN)	4008190025373	
Qty.	50 pc(s).	
Type	QB 3 WI RA8 IS	Version
Order No.	<a href="#">0461200000</a>	SAK Series, Cross-connector, for cross-connection link, Number of poles: 3
GTIN (EAN)	4008190161699	
Qty.	50 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).		

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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