

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

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, medium yellow, 10 mm <sup>2</sup> , 10 A, 500 V, Number of connections: 2,
	Number of levels: 1, TS 32
Order No.	0211120000
Туре	SAKS 3 Z/6.3X26
GTIN (EAN)	4008190177331
Qty.	20 pc(s).



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# **Technical data**

-			
Dim	ensions	and	weights

Depth	61 mm	Depth (inches)	2.402 inch
Height	54 mm	Height (inches)	2.126 inch
Width	13 mm	Width (inches)	0.512 inch
Net weight	40.348 g		

#### **Temperatures**

Storage temperature	-25 °C55 °C	Ambient temperature	-5 °C40 °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, One end without	End cover plate required	
	connector		Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
PE connection	No	Rail	TS 32

#### **Additional technical data**

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

#### **CSA** rating data

Certificate No. (CSA)	12400-198	Current size C (CSA)	10 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	22 AWG		

#### **Conductors for clamping (additional connection)**

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 mm²
Clamping range, min.	0.33 mm <sup>2</sup>	Clamping screw	M 4
Connection cross-section, stranded,		Connection cross-section, stranded, min	
max.	10 mm <sup>2</sup>		1.5 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	B6
Number of connections	2	Stripping length	12 mm
Tightening torque, max.	2.4 Nm	Tightening torque, min.	1.2 Nm
Torque level with DMS electric screw-		Type of connection	
driver	4		Screw connection
Type of connection 2	Screw connection	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG.	Sciew connection	Wire connection cross section, finely	AVVO 10
min.	AWG 22	stranded, max.	10 mm <sup>2</sup>
Wire connection cross section, finely		Wire connection cross-section, fine-	
stranded, min.		ly stranded with wire-end ferrules DIN	
	0.5 mm <sup>2</sup>	46228/1, max.	10 mm <sup>2</sup>
Wire connection cross-section, fine-		Wire connection cross-section, solid	
y stranded with wire-end ferrules DIN	0.5	core, max.	10 2
46228/1, min.	0.5 mm <sup>2</sup>		16 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		
Display element			
Type of voltage for indicator	AC/DC		
Fuen tarminale			
Fuse terminals			
	0.0: 4.44	D: 1	Mari al ED
Cartridge fuse	G-Si. 1 x 1/4	Display	Without LED
Cartridge fuse Fuse holder (cartridge holder)	for screw fixing	Display Operating voltage, max.	Without LED 500 V
Cartridge fuse	•		
Cartridge fuse Fuse holder (cartridge holder)	for screw fixing		
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator	for screw fixing		
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator <b>General</b>	for screw fixing AC/DC	Operating voltage, max.	500 V
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice	for screw fixing	Operating voltage, max.	
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator <b>General</b>	for screw fixing AC/DC  Direct mounting	Operating voltage, max.  Rail  Wire connection cross section AWG,	500 V
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice Standards	for screw fixing AC/DC	Operating voltage, max.	500 V TS 32
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice	for screw fixing AC/DC  Direct mounting	Operating voltage, max.  Rail  Wire connection cross section AWG,	500 V TS 32
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General Installation advice Standards Wire connection cross section AWG, min.	for screw fixing AC/DC  Direct mounting IEC 60947-7-3	Operating voltage, max.  Rail  Wire connection cross section AWG,	500 V TS 32
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice Standards  Wire connection cross section AWG,	for screw fixing AC/DC  Direct mounting IEC 60947-7-3	Operating voltage, max.  Rail  Wire connection cross section AWG,	500 V TS 32
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice Standards  Wire connection cross section AWG, min.  Rating data	for screw fixing AC/DC  Direct mounting IEC 60947-7-3  AWG 22	Pail Wire connection cross section AWG, max.	TS 32 AWG 10
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice Standards  Wire connection cross section AWG, min.  Rating data  Rated cross-section	for screw fixing AC/DC  Direct mounting IEC 60947-7-3  AWG 22	Operating voltage, max.  Rail Wire connection cross section AWG, max.  Rated voltage	TS 32 AWG 10
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice Standards  Wire connection cross section AWG, min.  Rating data  Rated cross-section Rated DC voltage	for screw fixing AC/DC  Direct mounting IEC 60947-7-3  AWG 22  10 mm² 500 V	Rail Wire connection cross section AWG, max.  Rated voltage Rated current	500 V TS 32 AWG 10 500 V 10 A
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice Standards  Wire connection cross section AWG, min.  Rating data  Rated cross-section Rated DC voltage Current at maximum wires	for screw fixing AC/DC  Direct mounting IEC 60947-7-3  AWG 22	Rail Wire connection cross section AWG, max.  Rated voltage Rated current Standards	TS 32 AWG 10
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice Standards  Wire connection cross section AWG, min.  Rating data  Rated cross-section Rated DC voltage	for screw fixing AC/DC  Direct mounting IEC 60947-7-3  AWG 22  10 mm² 500 V	Rail Wire connection cross section AWG, max.  Rated voltage Rated current	500 V TS 32 AWG 10 500 V 10 A
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice Standards  Wire connection cross section AWG, min.  Rating data  Rated cross-section Rated DC voltage Current at maximum wires  Volume resistance according to IEC	for screw fixing AC/DC  Direct mounting IEC 60947-7-3  AWG 22  10 mm² 500 V 10 A	Rail Wire connection cross section AWG, max.  Rated voltage Rated current Standards	500 V TS 32 AWG 10  500 V 10 A IEC 60947-7-3 6 kV
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice Standards  Wire connection cross section AWG, min.  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x	for screw fixing AC/DC  Direct mounting IEC 60947-7-3  AWG 22  10 mm² 500 V 10 A	Rail Wire connection cross section AWG, max.  Rated voltage Rated current Standards Rated impulse withstand voltage	500 V TS 32 AWG 10  500 V 10 A IEC 60947-7-3
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice Standards Wire connection cross section AWG, min.  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x Power loss in accordance with IEC	for screw fixing AC/DC  Direct mounting  IEC 60947-7-3  AWG 22  10 mm <sup>2</sup> 500 V 10 A  0.56 m $\Omega$	Rail Wire connection cross section AWG, max.  Rated voltage Rated current Standards Rated impulse withstand voltage	500 V TS 32 AWG 10  500 V 10 A IEC 60947-7-3 6 kV
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General Installation advice Standards Wire connection cross section AWG, min.  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x Power loss in accordance with IEC 60947-7-x  UL rating data	for screw fixing AC/DC  Direct mounting IEC 60947-7-3  AWG 22  10 mm <sup>2</sup> 500 V 10 A 0.56 mΩ  1.82 W	Rail Wire connection cross section AWG, max.  Rated voltage Rated current Standards Rated impulse withstand voltage  Pollution severity	500 V TS 32 AWG 10  500 V 10 A IEC 60947-7-3 6 kV 3
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice Standards  Wire connection cross section AWG, min.  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x Power loss in accordance with IEC 60947-7-x  UL rating data  Certificate No. (UR)	for screw fixing AC/DC  Direct mounting IEC 60947-7-3  AWG 22  10 mm <sup>2</sup> 500 V 10 A 0.56 mΩ  1.82 W	Rail Wire connection cross section AWG, max.  Rated voltage Rated current Standards Rated impulse withstand voltage Pollution severity  Conductor size Factory wiring max. (UR)	500 V TS 32 AWG 10  500 V 10 A IEC 60947-7-3 6 kV 3
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General Installation advice Standards Wire connection cross section AWG, min.  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x Power loss in accordance with IEC 60947-7-x  UL rating data  Certificate No. (UR) Conductor size Factory wiring min. (UR)	For screw fixing AC/DC  Direct mounting  IEC 60947-7-3  AWG 22  10 mm² 500 V 10 A  0.56 mΩ  1.82 W  E60693 26 AWG	Rail Wire connection cross section AWG, max.  Rated voltage Rated current Standards Rated impulse withstand voltage  Pollution severity  Conductor size Factory wiring max. (UR) Conductor size Field wiring max. (UR)	500 V TS 32 AWG 10  500 V 10 A IEC 60947-7-3 6 kV 3
Cartridge fuse Fuse holder (cartridge holder) Type of voltage for indicator  General  Installation advice Standards  Wire connection cross section AWG, min.  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x Power loss in accordance with IEC 60947-7-x  UL rating data  Certificate No. (UR)	for screw fixing AC/DC  Direct mounting IEC 60947-7-3  AWG 22  10 mm <sup>2</sup> 500 V 10 A 0.56 mΩ  1.82 W	Rail Wire connection cross section AWG, max.  Rated voltage Rated current Standards Rated impulse withstand voltage Pollution severity  Conductor size Factory wiring max. (UR)	500 V TS 32 AWG 10  500 V 10 A IEC 60947-7-3 6 kV 3

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# **Technical data**

#### Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	EC000899	ETIM 9.0	EC000899
ETIM 10.0	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	ECLASS 14.0	27-25-01-13
ECLASS 15.0	27-25-01-13		

#### **Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	999cd67e-471e-4085-8dba-1342fcea86de

#### Important note

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

#### **Approvals**

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

#### **Downloads**

Approval/Certificate/Document of Con-		
formity	<u>Declaration of Conformity</u>	
Engineering Data	CAD data – STEP	
Product Change Notification	Technical change - EN	
	Technical change - DE	
User Documentation	<u>StorageConditionsTerminalBlocks</u>	
Catalogues	Catalogues in PDF-format	



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# **Accessories**

#### **SAK-Series**

# 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 SAKS1+3 KRG
Order No. 0191320000
GTIN (EAN) 4008190031688

20 pc(s).

Version

End plate for terminals, dark beige, yellow, Height: 54 mm, Width: 3

mm, V-0, KrG, Snap-on: Yes

#### **Blank**

Qty.



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**

1,000 pc(s).

 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

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Qty.



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# Accessories

#### 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**

Туре	QL 10 SAKS1	Version
Order No.	0338800000	Cross-connector (terminal), when screwed in, grey, 36 A, Number of
GTIN (EAN)	4008190127039	poles: 10, Pitch in mm (P): 13.00, Insulated: No, Width: 122.1 mm
Qty.	20 pc(s).	
Туре	QL 4 SAKS1	Version
Order No.	0191600000	Cross-connector (terminal), when screwed in, grey, 47 A, Number of
GTIN (EAN)	4008190105518	poles: 4, Pitch in mm (P): 13.00, Insulated: No, Width: 44.7 mm
Qty.	20 pc(s).	
Туре	QL 2 SAKS1	Version
Order No.	<u>0191400000</u>	Cross-connector (terminal), when screwed in, grey, 47 A, Number of
GTIN (EAN)	4008190123130	poles: 2, Pitch in mm (P): 13.00, Insulated: No, Width: 18.9 mm
GTIN (EAN) Qty.	4008190123130 50 pc(s).	poles: 2, Pitch in mm (P): 13.00, Insulated: No, Width: 18.9 mm
, ,		poles: 2, Pitch in mm (P): 13.00, Insulated: No, Width: 18.9 mm  Version
Qty.	50 pc(s).	
Qty. Type	50 pc(s). QL 3 SAKS1	Version
Oty. Type Order No.	50 pc(s). QL 3 SAKS1 0191500000	Version Cross-connector (terminal), when screwed in, grey, 47 A, Number of



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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. 2007130000 Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white
GTIN (EAN) 4050118392012
Oty. 500 pc(s).

## **TS 32**

**TS 32** 

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
 EWK 1
 Version

 Order No.
 0206160000
 End bracket, beige, TS 32, V-0, Wemid, Width: 9 mm, 100 °C

 GTIN (EAN)
 4008190080020

 Qty.
 50 pc(s).



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# **Accessories**

#### 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 snaped together and could be mounted in all standard marking channels of the Klippon<sup>®</sup> Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

#### **General ordering data**

Туре	BZT 1 WS 10/5	Version
Order No.	<u>1805490000</u>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	
Туре	BZT 1 ZA WS 10/5	Version
Type Order No.	BZT 1 ZA WS 10/5 1805520000	Version Accessories, Marker holder
	,	

#### **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**

Туре	DEK 5/5 MC SDR	Version
Order No.	<u>1609810000</u>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190456597	Weidmueller, To customer specification
Qty.	200 pc(s).	

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