

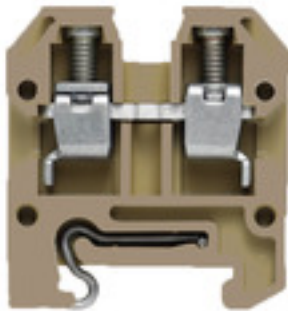
AKZ 4 WEMID**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	SAK Series, Feed-through terminal, Rated cross-section: 4 mm ² , Screw connection
Order No.	9537110000
Type	AKZ 4 WEMID
GTIN (EAN)	4008 190574857
Qty.	100 pc(s).

Creation date January 27, 2023 3:16:55 PM CET

Catalogue status 24.01.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	29 mm	Depth (inches)	1.142 inch
Height	27 mm	Height (inches)	1.063 inch
Width	6 mm	Width (inches)	0.236 inch
Net weight	5.559 g		

Temperatures

Storage temperature		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	-25 °C...55 °C		
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	beige
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV18ATEX8221U	Max. voltage (ATEX)	275 V
Current (ATEX)	32 A	Wire cross section max. (ATEX)	6 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label	II 2 G D		Ex eb II C Gb

System specifications

Version	Screw connection, for screwable cross-connection, One end without connector	End cover plate required	Yes
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 15

Additional technical data

Explosion-tested version	Yes	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	154685-1372355	Current size C (CSA)	10 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	24 AWG		

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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 3
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	2	Stripping length	8 mm
Tightening torque, max.	0.8 Nm	Tightening torque, min.	0.6 Nm
Torque level with DMS electric screwdriver	2	Twin wire-end ferrules, max.	1.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 24
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Dimensions

TS 15 offset	13.5 mm	TS 32 offset	31 mm
TS 35 offset	31 mm		

General

Number of poles	1	Rail	TS 15
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 24		

Rating data

Rated cross-section	4 mm ²	Rated voltage	400 V
Rated current	32 A	Current at maximum wires	41 A
Standards	IEC 60947-7-1	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

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20

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Technical data

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation Of Conformity CB Certificate CB Testreport ATEX Certificate IECEx Certificate EAC certificate MARITREG Certificate EAC EX Certificate CCC Ex Certificate UKCA Ex Certificate Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, Zuken E3.S
Product Change Notification	PCN_AKZ_20190405
User Documentation	NTI AKZ 4 Wemid StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

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Accessories

Q / AKZ



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	Q 2 AKZ4	Version
Order No.	0336400000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190037680	poles: 2
Qty.	50 pc(s).	
Type	Q 4 AKZ4	Version
Order No.	0336600000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190096656	poles: 4
Qty.	50 pc(s).	
Type	Q 3 AKZ4	Version
Order No.	0336500000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190121730	poles: 3
Qty.	50 pc(s).	
Type	Q 10 AKZ4	Version
Order No.	0368600000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190056766	poles: 10
Qty.	20 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	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	
Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

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Accessories

TS 15



TS 15

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	EW 15/2	Version
Order No.	1071900000	Accessories, End bracket
GTIN (EAN)	4008190462949	
Qty.	50 pc(s).	

SAK-Series



SAK
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	TW AKZ WS	Version
Order No.	1190360000	SAK Series, Partition plate, 2 mm, white
GTIN (EAN)	4032248997336	
Qty.	50 pc(s).	
Type	TW AKZ	Version
Order No.	1190330000	SAK Series, Partition plate, 2 mm, beige
GTIN (EAN)	4032248992379	
Qty.	50 pc(s).	
Type	TW AKZ SW	Version
Order No.	1417510000	SAK Series, Partition plate, 2 mm, black
GTIN (EAN)	4050118220957	
Qty.	50 pc(s).	
Type	TW AKZ RT	Version
Order No.	1190340000	SAK Series, Partition plate, 2 mm, red
GTIN (EAN)	4032248997312	
Qty.	50 pc(s).	
Type	TW AKZ GN	Version
Order No.	1190350000	SAK Series, Partition plate, 2 mm, green
GTIN (EAN)	4032248997329	
Qty.	50 pc(s).	

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Accessories**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 AKZ4 DB	Version
Order No.	9537910000	SAK Series, End plate, 1.5 mm, dark beige, Direct mounting
GTIN (EAN)	4008190574864	
Qty.	20 pc(s).	