

AKZ 4/ATA**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	Feed-through terminal block, Screw connection, 4 mm ² , 400 V, 32 A, Number of connections: 2
Order No.	1538260000
Type	AKZ 4/ATA
GTIN (EAN)	4008190178154
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Depth	29 mm	Depth (inches)	1.142 inch
Depth including DIN rail	30.5 mm	Height	27 mm
Height (inches)	1.063 inch	Width	60 mm
Width (inches)	2.362 inch	Net weight	5.77 g

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	100 °C		

Material data

Material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

System specifications

Version	Screw connection, for screwable cross-connection, 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
Rail	TS 15	N-function	No
PE function	No	PEN function	No

Additional technical data

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

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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.	1.5 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
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General

Installation advice	Direct mounting	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 DC 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	Pollution severity	3

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	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	ECLASS 13.0	27-25-01-01

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Technical data

Approvals

Approvals



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Approval/Certificate/Document of Con-
formity

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Engineering Data

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User Documentation

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AKZ 4/ATA**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****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 AKZ4	Version
Order No.	0348260000	Partition plate (terminal), Intermediate plate, 47 mm x 30 mm, dark
GTIN (EAN)	4008190128241	beige
Qty.	50 pc(s).	

Screws

Depending on the terminal block or also accessories, we offer different types of screws as additional items or also spare parts.

General ordering data

Type	BFSC M2.5X18 PA/RT	Version
Order No.	0303300000	Mounting screw (Terminal)
GTIN (EAN)	4008190040673	
Qty.	100 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	End plate (terminals), 27 mm x 1.5 mm, dark beige
GTIN (EAN)	4008190574864	
Qty.	20 pc(s).	
Type	AP 100 GR	Version
Order No.	1773410000	SAK Series, End plate, 27.2 mm, grey, Direct mounting
GTIN (EAN)	4032248141111	
Qty.	20 pc(s).	
Type	AP AKZ4	Version
Order No.	0294460000	End plate (terminals), 27 mm x 1.5 mm, dark beige
GTIN (EAN)	4008190466268	
Qty.	20 pc(s).	
Type	AP AKZ4 BL	Version
Order No.	0294480000	End plate (terminals), 27 mm x 1.5 mm, blue
GTIN (EAN)	4008190021832	
Qty.	20 pc(s).	

Test plugs



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 2.3 RT	Version
Order No.	0180400000	Test adapter (terminal), 20 mA
GTIN (EAN)	4008190060121	
Qty.	20 pc(s).	

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Accessories

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	STB 8.5/D4/2.3/M2.5 AKZ	Version
Order No.	0215700000	Accessories, Socket
GTIN (EAN)	4008190184872	
Qty.	50 pc(s).	

SAK-Series



Warning covers with a flash symbol provide more safety for man and machine. They are used where external voltage must be indicated within the application.

General ordering data

Type	AD 4 AKZ4	Version
Order No.	0303400000	Terminal cover, PVC, yellow, Height: 24.2 mm, Width: 20 mm, Depth:
GTIN (EAN)	4008190068158	1 mm
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 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 pc(s).	
Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	

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 10 AKZ4SS	Version
Order No.	0369300000	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	4008190065744	Pitch in mm (P): 5.10, Insulated: No, 32 A, grey
Qty.	20 pc(s).	
Type	Q 2 AKZ4	Version
Order No.	0336400000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190037680	Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
Qty.	50 pc(s).	
Type	Q 4 AKZ1.5	Version
Order No.	0368400000	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190153892	Pitch in mm (P): 5.10, Insulated: No, 24 A, grey
Qty.	50 pc(s).	
Type	Q 10 AKZ4	Version
Order No.	0368600000	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	4008190056766	Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
Qty.	20 pc(s).	

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Accessories

Type	Q 2 AKZ4SS	Version
Order No.	0369000000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190143589	Pitch in mm (P): 5.10, Insulated: No, 32 A, grey
Qty.	50 pc(s).	
Type	Q 3 AKZ1.5	Version
Order No.	0368300000	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4008190074913	Pitch in mm (P): 5.10, Insulated: No, 24 A, grey
Qty.	50 pc(s).	
Type	Q 10 AKZ1.5	Version
Order No.	0368500000	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	4008190159481	Pitch in mm (P): 5.10, Insulated: No, 24 A, grey
Qty.	20 pc(s).	
Type	Q 4 AKZ4	Version
Order No.	0336600000	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190096656	Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
Qty.	50 pc(s).	
Type	Q 2 AKZ1.5	Version
Order No.	0368200000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190149987	Pitch in mm (P): 5.10, Insulated: No, 24 A, grey
Qty.	50 pc(s).	
Type	Q 3 AKZ4	Version
Order No.	0336500000	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4008190121730	Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
Qty.	50 pc(s).	

Connection sleeves



General ordering data

Type	VL 2 AKZ4/DK4	Version
Order No.	0446700000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190055486	Pitch in mm (P): 6.00, Insulated: No, 32 A, grey
Qty.	50 pc(s).	