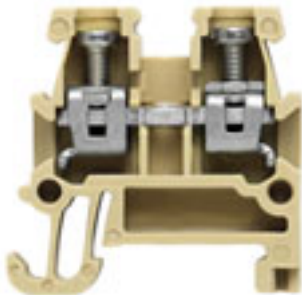


**AKZ terminal with screw connection
AKZ 1.5**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com



The Weidmüller SAK feed-through terminals satisfy the requirements of IEC 60947-1 and are available with rated cross-sections from 0.08 mm² to 240 mm².

General ordering data

Material number	0340460000
Short text for material	AKZ 1.5
Article - short description	AKZ terminal with screw connection, Feed-through terminal, Rated cross-section: 1.5 mm ² , Screw connection
EAN	4008190091576
Qty.	100 pc(s).

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Technical data
Temperatures

Operating temperature	-50 °C...+100 °C	Storage temperature	
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CSA ratings data

Certificate no.	12400-144	Voltage size C	300 V
Current size C (CSA)	10 A	Conductor cross-section, max.	16 AWG
Conductor cross-section, min.	24 AWG		

UL ratings data

Certificate no.	E60693VOL1SEC3	Voltage size C	150 V
Current size C (UR)	15 A	Conductor size Factory wiring, max	14 AWG
Conductor size Factory wiring, min	22 AWG	Conductor size Field wiring, max	14 AWG

Approvals

Approvals	CE; CSA; GOSTEX; GOSTME25; IECEXSIR; MARITREG; SIRAATEX; UR; ROHS
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IECEX/ATEX rating data

Certificate no.	SIRA02ATEX3001U	ATEX certificate	SIRA02ATEX3001U_e.pdf
Certificate no.	IECEXSIR05.0038U	IEC Ex certificate	IECEXSIR05.0038U_e.pdf
max. voltage	176 V	Current (ATEX)	15 A
Conductor cross-section, max.	1.5 mm ²	max. voltage	176 V
Current (IECEX)	15 A	Conductor cross-section, max.	1.5 mm ²
Voltage, cross-connection	CrossConnectionGuide.pdf	Operating temperature range	

Material data

Material	PA 66	Colour	beige
Flammability class UL 94	V-2		

System specifications

Product family	AKZ terminal with screw connection	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
No. of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 15
End cover plate required	Yes		

Additional technical data

Explosion-tested version	Yes	Number of identical terminals	1
Open sides	right	Type of mounting	Clamped

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Technical data

Conductors for clamping (additional connection)

Rated current	17.5 A	Type of connection	Screw connection
Clamping screw	M 2.5	Blade size	3.0 x 0.5 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.4 Nm
Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	1.5 mm ²
Conductor connection cross-section AWG, min.	AWG 24	Conductor connection cross-section AWG, max.	AWG 14

Conductors for clamping (rated connection)

Type of connection	Screw connection	Stripping length	7 mm
Blade size	3.0 x 0.5 mm	Connection direction	on side
No. of connections	2	Clamping range, rated connection, min.	0.21 mm ²
Clamping range, rated connection, max.	2.5 mm ²	Clamping screw	M 2.5
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.6 Nm
Torque setting with DMS electric screwdriver 1		Gauge to IEC 60947-1	A1
Conductor cross-section, solid, min.	0.5 mm ²	Conductor cross-section, solid, max.	2.5 mm ²
Conductor cross-section, stranded, rated connection, min.	1.5 mm ²	Conductor cross-section, stranded, rated connection, max.	1.5 mm ²
Conductor cross-section, flexible, max.	1.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, min.	0.5 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, max.	1.5 mm ²	Conductor cross-section, flexible AEH plus plastic collar DIN 46228/4, rated connection, min.	0.5 mm ²
Conductor cross-section, flexible AEH plus plastic collar DIN 46228/4, rated connection, max.	1.5 mm ²	Twin wire-end ferrule, min.	0.5 mm ²
Twin wire-end ferrule, max.	0.75 mm ²	Conductor connection cross-section AWG, min.	AWG 24
Conductor connection cross-section AWG, max.	AWG 14		

Dimensions

Length	24.8 mm	Width	5.1 mm
Height	25 mm	Weight	3.58 g

Rating data

Rated cross-section	1.5 mm ²	Rated voltage	250 V
Rated impulse withstand voltage	4 kV	Rated current	17.5 A
Current with max. conductor	24 A	Standards	IEC 60947-7-1
Pollution severity	3		

Classifications

ETIM 2.0	EC001283	ETIM 3.0	EC001283
ETIM 4.0	EC000897	UNSPSC	30-21-18-11
eClass 4.1	27-14-11-20	eClass 5.1	27-14-11-20
eClass 6.0	27-14-11-20		

Product notes

Note, ordering data AKZ 1.5 order Nos 0340460000 and 0340480000 made from PA with V2 flammability rating to UL 94

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Technical data**Downloads**

DXF	03834_AKZ_1.5_DXF.dxf
STEP	0340460000_03834_AKZ_1.5_STP.stp
