

**SAK Series  
AKE 4 MS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

**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**

Type	AKE 4 MS
Order No.	<a href="#">0211200000</a>
GTIN (EAN)	4008190074906
Qty.	50 pc(s).

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**Technical data**
**Dimensions and weights**

Width	7 mm	Width (inches)	0.276 inch
Height	32 mm	Height (inches)	1.26 inch
Depth	30 mm	Depth (inches)	1.181 inch
Net weight	10.68 g		

**System specifications**

Version	Screw connection, With PE connection	Tightening torque (mounting screw)	0.8...1.6 Nm
Tightening torque (clamping screw for copper conductors)	0.8...1.6 Nm	End cover plate required	No
Number of potentials	1	Number of levels	1
No. of clamping points per level	1	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Mounting rail	TS 15	N-function	No
PE function	Yes	PEN function	No

**Additional technical data**

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

**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	4 mm <sup>2</sup>
Clamping range, rated connection, min.	0.5 mm <sup>2</sup>	Clamping screw	M 3.5
Connection direction	on side	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>
Gauge to IEC 60947-1	A3	Number of connections	1
Stripping length	9 mm	Tightening torque, max.	1.6 Nm
Tightening torque, min.	0.8 Nm	Torque level with DMS electric screwdriver	3
Type of connection	Screw connection	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>
Wire connection cross section, solid core max. rated connection	4 mm <sup>2</sup>	Wire connection cross section, solid core, min. rated connection	0.5 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, max.	4 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>

**Dimensions**

TS 15 offset	16 mm
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**Technical data**
**PE rating data**
Rated short-time current 480 A (4 mm<sup>2</sup>)

Centre screw on PE terminals

M 3.5

Tightening torque range for fixing screw 0.8...1.6 Nm

PEN function

No

**Rating data**
Rated cross-section 4 mm<sup>2</sup>

Standards

IEC 60947-7-2

Volume resistance according to IEC 60947-7-x

1 mΩ

Pollution severity

3

**Classifications**

ETIM 3.0

EC000901

ETIM 4.0

EC000491

ETIM 5.0

EC000491

ETIM 6.0

EC000901

UNSPSC

30-21-18-11

eClass 5.1

27-14-03-05

eClass 6.2

27-14-03-05

eClass 7.1

27-14-03-05

eClass 8.1

27-14-11-41

eClass 9.0

27-14-11-41

eClass 9.1

27-14-11-41

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Conformity

[DE\\_PT1372\\_20160418\\_007\\_ISSUE01.pdf](#)

Engineering Data

[EPLAN.WSCAD](#)
**Safety note**

Safety notice

[Safety Information](#)