

# CERTIFICATE

Issued to:  
Applicant:  
**Weidmüller Interface GmbH & Co. KG**  
**Klingenbergstrasse 16**  
**32758 Detmold, Germany**

Licensee:  
**Weidmüller Interface GmbH & Co. KG**  
**Klingenbergstrasse 16**  
**32758 Detmold, Germany**

Product : Terminal blocks for copper conductors  
Trade name(s) : Weidmüller  
Type(s)/model(s) : SAKH 10 EP/SW, SAKH 35 EP/SW5, SAKH 6 EP/SW and SAK 4 EP/SW

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60947-7-1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900119

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 12 December 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-106282

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K. Lin  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Terminal blocks for copper conductors
Trade name(s)	: Weidmüller
Type(s)/model(s)	: SAKH 10 EP/SW, SAKH 35 EP/SW5, SAKH 6 EP/SW and SAK 4 EP/SW
Rated impulse withstand voltage	: 8 kV
Mounting rail	: G-type rail 32 mm
Pollution degree	: 3

**Product data – type SAK 4 EP/SW**

Description	: Terminal block with screw-type clamping units, 1-pole, two clamping units per pole
Conventional free air thermal current	: 32 A
Rated insulation voltage	: 800 V
Rated cross section	: 4 mm <sup>2</sup>
Rated connecting capacity	: 0,13 mm <sup>2</sup> - 6 mm <sup>2</sup> rigid 0,13 mm <sup>2</sup> - 6 mm <sup>2</sup> flexible
Torque level	: 0,5 Nm
Stripping length	: 12 mm

**Product data – type SAKH 10 EP/SW**

Description	: Terminal block with screw-type clamping units, 1-pole, two clamping units per pole
Conventional free air thermal current	: 57 A
Rated insulation voltage	: 1000 V
Rated cross section	: 10 mm <sup>2</sup>
Rated connecting capacity	: 1,5 mm <sup>2</sup> - 16 mm <sup>2</sup> rigid 1,5 mm <sup>2</sup> - 16 mm <sup>2</sup> flexible
Torque level	: 1,2 Nm
Stripping length	: 12 mm

**Product data – type SAKH 35 EP/SW5**

Description	: Terminal block with screw-type clamping units, 1-pole, two clamping units per pole
Conventional free air thermal current	: 125 A
Rated insulation voltage	: 1000 V
Rated cross section	: 35 mm <sup>2</sup>
Rated connecting capacity	: 4 mm <sup>2</sup> - 50 mm <sup>2</sup> rigid 4 mm <sup>2</sup> - 50 mm <sup>2</sup> flexible
Torque level	: 2,5 Nm
Stripping length	: 18 mm

**Product data – type SAKH 6 EP/SW**

Description	: Terminal block with screw-type clamping units, 1-pole, two clamping units per pole
Conventional free air thermal current	: 41 A
Rated insulation voltage	: 1000 V
Rated cross section	: 6 mm <sup>2</sup>
Rated connecting capacity	: 0,5 mm <sup>2</sup> - 10 mm <sup>2</sup> rigid 0,5 mm <sup>2</sup> - 10 mm <sup>2</sup> flexible
Torque level	: 1,2 Nm
Stripping length	: 12 mm



## TESTS

**Test requirements**  
EN 60947-7-1:2009

**Test result**  
The test results are laid down in DEKRA test file 222855400.

**Conclusion**  
The examination proved that all requirements were met.

**Factory location**  
Weidmüller Interface GmbH & Co. KG  
Klingenbergstrasse 16  
32758 Detmold, Germany