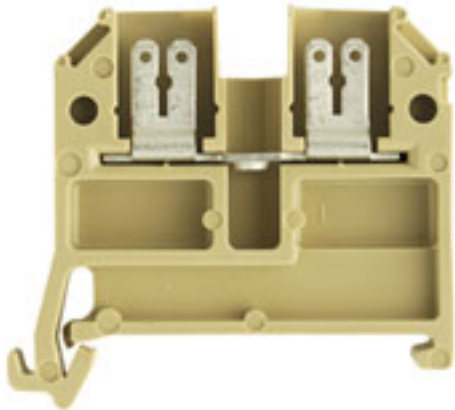


**SAK Series**  
**AST 3/35 6.3/2.8****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

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	AST 3/35 6.3/2.8
Order No.	<a href="#">0460360000</a>
Version	SAK Series, Feed-through terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Flat-blade connection, Direct mounting
GTIN (EAN)	4008190001094
Qty.	100 pc(s).

Creation date April 30, 2020 11:51:54 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

## SAK Series AST 3/35 6.3/2.8

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## Technical data

### Dimensions and weights

Width	6.1 mm	Width (inches)	0.24 inch
Height	40 mm	Height (inches)	1.575 inch
Depth	40.1 mm	Depth (inches)	1.579 inch
Weight	6.46 g	Net weight	5.98 g

### Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °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	With cable lug connection F2.8, With cable lug connection F6.3, 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 35	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		

### CSA rating data

Certificate No. (CSA)	12400-142	Current size C (CSA)	16 A
Voltage size C (CSA)	300 V		

### Conductors for clamping (rated connection)

Clamping range, bolted connection , max.	4 mm <sup>2</sup>	Clamping range, bolted connection , min.	0.2 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>	Connection direction	top
Number of connections	2	Type of connection	Flat-blade connection
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>

### Other connections

Cable-lug connection	Slotted	Rated cross-section spade connector 2.8 mm	1 mm <sup>2</sup>
Rated cross-section spade connector 6.3 mm	2.5 mm <sup>2</sup>		

Creation date April 30, 2020 11:51:54 PM CEST

## Data sheet

### SAK Series AST 3/35 6.3/2.8

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## Technical data

### Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	500 V
Rated current	20 A	Current at maximum wires	20 A
Standards	IEC 61210, In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Power loss in accordance with IEC 60947-7-x	0.77 W	Rated impulse withstand voltage	6 kV
Pollution severity	3		

### UL rating data

Certificate No. (UR)	E60693	Current size C (UR)	13 A
Voltage size C (UR)	300 V		

### Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20
eClass 10.0	27-14-11-20	UNSPSC	30-21-18-11

### Approvals

Approvals



ROHS Conform

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">DE_PT1301_20160418_053_ISSUE01.pdf</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>

### Safety note

Safety notice [Safety Information](#)

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# Accessories

## Plus



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

### General ordering data

Type	DEK 5/6 PLUS MC NE WS	Version	
Order No.	<a href="#">1011320000</a>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00	
GTIN (EAN)	4032248717644	Weidmueller, white	
Qty.	1,000 pc(s).		

## Test adapter



### 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	STA 2.5/2	Version	
Order No.	<a href="#">0165860000</a>	SAK Series, Test adapter	
GTIN (EAN)	4008190129491		
Qty.	100 pc(s).		

**Data sheet**

**SAK Series  
AST 3/35 6.3/2.8**

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**Accessories**

**Test plug**



**Current and voltage transformer wiring**

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

**General ordering data**

Type	PS 2.3 RT	Version
Order No.	<a href="#">0180400000</a>	Accessories, Test plug
GTIN (EAN)	4008190060121	
Qty.	20 pc(s).	

**Insulation sleeve**



**Klippon® Connect with clamping yoke Technology**

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**General ordering data**

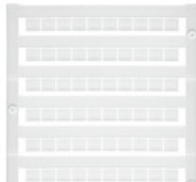
Type	IH 2.8 DB	Version
Order No.	<a href="#">0386060000</a>	W-Series, Insulating sleeve
GTIN (EAN)	4008190043414	
Qty.	100 pc(s).	
Type	IH 6.3 WEM GE	Version
Order No.	<a href="#">0386260000</a>	W-Series, Insulating sleeve
GTIN (EAN)	4008190164256	
Qty.	100 pc(s).	
Type	IH 4.8 DB	Version
Order No.	<a href="#">0386160000</a>	W-Series, Insulating sleeve
GTIN (EAN)	4008190141004	
Qty.	100 pc(s).	

## SAK Series AST 3/35 6.3/2.8

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# Accessories

## Custom printing



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- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

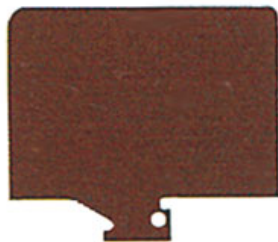
**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

Type	DEK 5/6 MC SDR	Version
Order No.	<a href="#">1609830000</a>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190456603	Weidmueller, To customer specification
Qty.	200 pc(s).	

Type	DEK 5/6 PLUS MC SDR	Version
Order No.	<a href="#">1038650000</a>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4032248767908	Weidmueller, To customer specification
Qty.	200 pc(s).	

## Partition plates



### Klippon® Connect with clamping yoke Technology

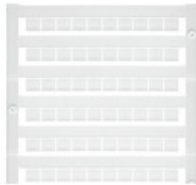
The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

## General ordering data

Type	TW 4 SAK4-10	Version
Order No.	<a href="#">0130160000</a>	SAK Series, Separation plate, 1.5 mm, beige
GTIN (EAN)	4008190096335	
Qty.	20 pc(s).	

**SAK Series**  
**AST 3/35 6.3/2.8**

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**Accessories****Blank**

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- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

**General ordering data**

Type	DEK 5/6 MC NE GN	Version
Order No.	<a href="#">1238310000</a>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118271812	Weidmueller, green
Qty.	1,000 pc(s).	
Type	DEK 5/6 MC NE GE	Version
Order No.	<a href="#">1238280000</a>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118038750	Weidmueller, yellow
Qty.	1,000 pc(s).	
Type	DEK 5/6 MC NE GR	Version
Order No.	<a href="#">1238330000</a>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118323306	Weidmueller, grey
Qty.	1,000 pc(s).	
Type	DEK 5/6 MC NE WS	Version
Order No.	<a href="#">1609820000</a>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190203436	Weidmueller, white
Qty.	1,000 pc(s).	
Type	DEK 5/6 MC NE BL	Version
Order No.	<a href="#">1238290000</a>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118267327	Weidmueller, blue
Qty.	1,000 pc(s).	
Type	DEK 5/6 MC NE OR	Version
Order No.	<a href="#">1912090000</a>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4032248540525	Weidmueller, orange
Qty.	1,000 pc(s).	
Type	DEK 5/6 MC NE BR	Version
Order No.	<a href="#">1454900000</a>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118323313	Weidmueller, brown
Qty.	1,000 pc(s).	

## SAK Series AST 3/35 6.3/2.8

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# Accessories

## Non-insulated sockets



### 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	STB 14/D5/2.3/M3 SAK2.5	Version
Order No.	<a href="#">016860000</a>	SAK Series, Socket
GTIN (EAN)	4008190135225	
Qty.	50 pc(s).	

## DEK 5/6



### WS/ DEK

MultiMark DEK/WS connector markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

### Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

### General ordering data

Type	DEK 5/6 MM WS	Version
Order No.	<a href="#">200712000</a>	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118392104	
Qty.	600 pc(s).	



**SAK Series**  
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**Accessories****Q / SAK****Klippon® Connect with clamping yoke Technology**

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**General ordering data**

Type	Q 10 SAK2.5	Version
Order No.	<a href="#">0368700000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190107796	poles: 10
Qty.	20 pc(s).	
Type	Q 3 SAK2.5	Version
Order No.	<a href="#">0337100000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190015411	poles: 3
Qty.	50 pc(s).	
Type	Q 2 SAK2.5	Version
Order No.	<a href="#">0337000000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190005801	poles: 2
Qty.	50 pc(s).	
Type	Q 4 SAK2.5	Version
Order No.	<a href="#">0337200000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190142902	poles: 4
Qty.	50 pc(s).	

**Small partition****Klippon® Connect with clamping yoke Technology**

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**General ordering data**

Type	TSCH 2	Version
Order No.	<a href="#">0353660000</a>	SAK Series, Small partition, beige, 0.6 mm
GTIN (EAN)	4008190128432	
Qty.	100 pc(s).	
Type	TSCH 1	Version
Order No.	<a href="#">0319160000</a>	SAK Series, Small partition, beige, 2 mm
GTIN (EAN)	4008190097219	
Qty.	100 pc(s).	

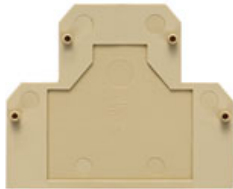
**Data sheet**

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AST 3/35 6.3/2.8**

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**Accessories**

**End plates**



**Klippon® Connect with clamping yoke Technology**

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**General ordering data**

Type	AP SAK2.5+AST3+4/35	Version
Order No.	<a href="#">0460560000</a>	SAK Series, End plate, 1.5 mm, beige, Direct mounting
GTIN (EAN)	4008190048334	
Qty.	20 pc(s).	