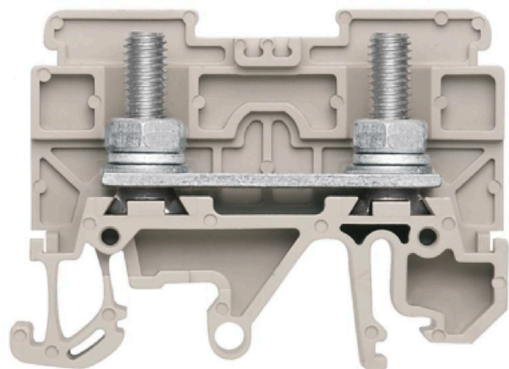


**ST 5/EN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Are you looking for an interface from electrical engineering to electronics? To be able to feed through to the electronic devices on the panel sometimes a solder connection or a standard pluggable solution is appropriate.

**General ordering data**

Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 16 mm <sup>2</sup> , Screw connection
Order No.	<a href="#">0448360000</a>
Type	ST 5/EN
GTIN (EAN)	4032248124978
Qty.	20 ST

## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UR)	E60693

### Dimensions and weights

Depth	47.5 mm	Depth (inches)	1.8701 inch
Height	54.5 mm	Height (inches)	2.1457 inch
Width	16.4 mm	Width (inches)	0.6457 inch
Net weight	22.64 g		

### Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

### Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

### Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

### System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 32, TS 35		

### Additional technical data

Open sides	Open	Number of similar terminals	1
Explosion-tested version	No	Type of mounting	Clamped

### Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 6	Connection direction	on side
Tightening torque, max.	3 Nm	Tightening torque, min.	2 Nm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	16 mm <sup>2</sup>	Clamping range, min.	4 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 12	Wire connection cross section, finely stranded, max.	16 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	4 mm <sup>2</sup>	Connection cross-section, stranded, max.	16 mm <sup>2</sup>

## Technical data

Connection cross-section, stranded, min. 4 mm <sup>2</sup>		Stud size for spade connection	M 5
Wire connection cross-section, solid core, max. 16 mm <sup>2</sup>		Wire connection cross-section, solid core, min. 4 mm <sup>2</sup>	

## General

Wire connection cross section AWG, max. AWG 6		Wire connection cross section AWG, min. AWG 12	
Standards IEC 60947-7-1		Rail TS 32, TS 35	

## Rating data

Rated cross-section 16 mm <sup>2</sup>		Rated voltage 800 V	
Rated DC voltage 800 V		Rated current 76 A	
Current at maximum wires 76 A		Standards IEC 60947-7-1	
Volume resistance according to IEC 60947-7-x 0.42 mΩ		Rated impulse withstand voltage 8 kV	
Power loss in accordance with IEC 60947-7-x 2.43 W		Pollution severity 3	

## UL rating data

Conductor size Factory wiring max. (UR) 10 AWG		Current size C (UR) 65 A	
Voltage size C (UR) 600 V		Conductor size Factory wiring min. (UR) 12 AWG	
Certificate No. (UR) E60693		Conductor size Field wiring min. (UR) 12 AWG	
Conductor size Field wiring max. (UR) 10 AWG			

## Classifications

ETIM 6.0 EC000897		ETIM 7.0 EC000897	
ETIM 8.0 EC000897		ETIM 9.0 EC000897	
ETIM 10.0 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		ECLASS 14.0 27-25-01-01	
ECLASS 15.0 27-25-01-01			

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## Accessories

## QL / ST5



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	QL 2 ST5	Version
Order No.	<a href="#">3834300000</a>	Cross-connector (terminal), when screwed in, grey, 41 A, Number of
GTIN (EAN)	4008190456955	poles: 2, Pitch in mm (P): 16.30, Insulated: No, Width: 17.5 mm
Qty.	20 ST	

## SAK-Series

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 ST5	Version
Order No.	<a href="#">0447260000</a>	End plate for terminals, beige, Height: 52 mm, Width: 1.5 mm, V-2,
GTIN (EAN)	4032248183913	PA 66, Snap-on: Yes
Qty.	10 ST	
Type	TW ST5 PA/BE	Version
Order No.	<a href="#">0477660000</a>	Partition plate (terminal), beige, Height: 52 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190461263	Wemid
Qty.	10 ST	

## TS 32

TS 32

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

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## Accessories

## General ordering data

Type	EWK 1	Version
Order No.	<a href="#">0206160000</a>	End bracket, beige, TS 32, V-0, Wemid, Width: 9 mm, 100 °C
GTIN (EAN)	4008190080020	
Qty.	50 ST	

## Blank



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 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.	1000 ST	
Type	WS 10/6 M MC NE WS	Version
Order No.	<a href="#">1818400000</a>	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248310876	Allen-Bradley, white
Qty.	600 ST	
Type	WS 10/6 MC NE WS	Version
Order No.	<a href="#">1828450000</a>	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248350513	Allen-Bradley, white
Qty.	600 ST	
Type	WS 10/6 PLUS MC NE WS	Version
Order No.	<a href="#">1046390000</a>	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248782109	Allen-Bradley, white
Qty.	600 ST	

**Accessories****DEK 5/6****WS/ DEK**

MultiMark terminal 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="#">2007120000</a>	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118392104	
Qty.	600 ST	