

**DLI 2.5 DB****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

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**

Version	Initiator/actuator terminal, Screw connection, 2.5 mm <sup>2</sup> , 250 V, 24 A, Number of connections: 4, Number of potentials per tier: 1, dark beige
Order No.	<a href="#">1783820000</a>
Type	DLI 2.5 DB
GTIN (EAN)	40322482 11494
Qty.	100 pc(s).

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

Depth	48.5 mm	Depth (inches)	1.909 inch
Depth including DIN rail	49 mm	Height	66 mm
Height (inches)	2.598 inch	Width	6.1 mm
Width (inches)	0.24 inch	Net weight	9.52 g

**Temperatures**

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

**Material data**

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

**System specifications**

Version	Screw connection, One end without connector	End cover plate required	Yes
Number of potentials	3	Number of levels	3
Number of clamping points per level	1	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	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

**CSA rating data**

Certificate No. (CSA)	12400-134	Current size C (CSA)	10 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

**Conductors for clamping (additional connection)**

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 2.5 mm<sup>2</sup>

**Conductors for clamping (rated connection)**

Blade size 0.6 x 3.5 mm

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## Technical data

Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	0.5 mm <sup>2</sup>	
		max.	4 mm <sup>2</sup>	
		nominal	2.5 mm <sup>2</sup>	
	wire end ferrule	Stripping length	min.	7 mm
			max.	7 mm
			nominal	7 mm
		Tightening torque	min.	0.4 Nm
	max.		0.6 Nm	
	Recommended wire-end ferrule			
	Connection specification		Screw connection	
Cross-section for conductor connection	Type	stranded, H07V-R		
	min.	1.5 mm <sup>2</sup>		
	max.	4 mm <sup>2</sup>		
	nominal	2.5 mm <sup>2</sup>		
wire end ferrule	Stripping length	min.	7 mm	
		max.	7 mm	
		nominal	7 mm	
	Tightening torque	min.	0.4 Nm	
max.		0.6 Nm		
Recommended wire-end ferrule				
Connection specification		Screw connection		
Cross-section for conductor connection	Type	flexible, H05(07) V-K		
	min.	0.5 mm <sup>2</sup>		
	max.	4 mm <sup>2</sup>		
	nominal	2.5 mm <sup>2</sup>		
wire end ferrule	Stripping length	min.	7 mm	
		max.	7 mm	
		nominal	7 mm	
	Tightening torque	min.	0.4 Nm	
max.		0.6 Nm		
Recommended wire-end ferrule				
Clamping range, max.	4 mm <sup>2</sup>			
Clamping range, min.	0.13 mm <sup>2</sup>			
Clamping screw	M 2.5			
Connection cross-section, stranded, max.	4 mm <sup>2</sup>			
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>			
Connection direction	on side			
Gauge to IEC 60947-1	A3			
Number of connections	4			
Stripping length	7 mm			
Tightening torque, max.	0.6 Nm			
Tightening torque, min.	0.4 Nm			
Torque level with DMS electric screw-driver	1			
Type of connection	Screw connection			
Wire connection cross section AWG, max.	AWG 12			
Wire connection cross section AWG, min.	AWG 26			
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>			
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>			

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**Data sheet**

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**Technical data**

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

**General**

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26

**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	250 V
Rated DC voltage	250 V	Rated current	24 A
Current at maximum wires	32 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	4 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3
Surge voltage category	III		

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size D (UR)	10 A
Voltage size D (UR)	300 V		

**Classifications**

ETIM 6.0	EC000900	ETIM 7.0	EC000900
ETIM 8.0	EC000900	ETIM 9.0	EC000900
ECLASS 9.0	27-14-11-28	ECLASS 9.1	27-14-11-28
ECLASS 10.0	27-14-11-28	ECLASS 11.0	27-14-11-28
ECLASS 12.0	27-14-11-28	ECLASS 13.0	27-25-01-12

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

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**Technical data****Downloads**

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Approval/Certificate/Document of Conformity	<a href="#">CE Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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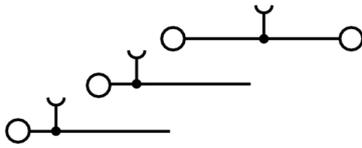
**Data sheet**

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**Drawings**



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**Accessories**

**SAK-Series**



A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

**General ordering data**

Type	TSCH 1	Version
Order No.	<a href="#">0319160000</a>	Small partition (terminal), PA 66, beige, Continuous operating temp.,
GTIN (EAN)	4008190097219	max.: 100 °C
Qty.	100 pc(s).	

**Marker holder**



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

**General ordering data**

Type	BZT 1 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	
Type	BZT 1 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	

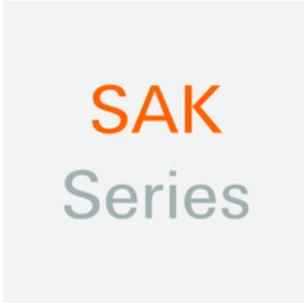
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# Accessories

## SAK-Series



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.

### General ordering data

Type	EW 35	Version
Order No.	<a href="#">0383560000</a>	End bracket, Wemid, beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	

## 2.5 mm<sup>2</sup>



Numerous national and international approvals and qualifications in accordance with a variety of application standards make the W-series a universal connection solution, especially in harsh conditions. The screw connection has long been an established connection element to meet exacting demands in terms of reliability and functionality. And our W-Series is still setting standards.

### General ordering data

Type	Q 4 DLI	Version
Order No.	<a href="#">1312700000</a>	Cross-connector (terminal), when screwed in, Number of poles: 4, Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
GTIN (EAN)	4008190162122	
Qty.	50 pc(s).	
Type	QL 2 DLI	Version
Order No.	<a href="#">0297200000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2, Pitch in mm (P): 6.10, Insulated: No, 20 A, grey
GTIN (EAN)	4008190057176	
Qty.	100 pc(s).	
Type	Q 10 DLI	Version
Order No.	<a href="#">1313100000</a>	Cross-connector (terminal), when screwed in, Number of poles: 10, Pitch in mm (P): 6.00, Insulated: No, 24 A, grey
GTIN (EAN)	4008190167622	
Qty.	20 pc(s).	
Type	Q 3 DLI	Version
Order No.	<a href="#">1312600000</a>	Cross-connector (terminal), when screwed in, Number of poles: 3, Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
GTIN (EAN)	4008190024604	
Qty.	50 pc(s).	
Type	Q 2 DLI	Version
Order No.	<a href="#">1312500000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2, Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
GTIN (EAN)	4008190039837	
Qty.	50 pc(s).	

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## Accessories

Type	Q 20 DLI	Version
Order No.	<a href="#">1399800000</a>	Cross-connector (terminal), when screwed in, Number of poles: 20,
GTIN (EAN)	4008190070670	Pitch in mm (P): 5.00, Insulated: No, 24 A, grey
Qty.	20 pc(s).	

## 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.	1,000 pc(s).	

## Support brackets



Support brackets can be arranged at the end or in the course of a terminal strip. They can be clipped on TS 32 or TS 35 mounting rails and serve as supports for the respective cover profiles.

## General ordering data

Type	HP 4 ADP3	Version
Order No.	<a href="#">0485860000</a>	End and partition plate for terminals, End and intermediate plate, 82
GTIN (EAN)	4008190151096	mm x 3 mm, beige
Qty.	20 pc(s).	

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## Accessories

## WS 8/5

**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	WS 8/5 MM WS	Version
Order No.	<a href="#">2007150000</a>	WS, Terminal marker, 8 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118392029	
Qty.	800 pc(s).	

**Blank**

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

**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	WS 8/5 MC NE WS	Version
Order No.	<a href="#">1640740000</a>	WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190279103	Allen-Bradley, white
Qty.	720 pc(s).	

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## Accessories

## SchT group marker carrier



The SchT 5 S group tag carriers are clipped directly onto the TS 32 mounting rail (G-rail) or the TS 35 mounting rail (top-hat rail). It is therefore possible to label the terminal strip irrespective of the terminal and the type of terminal. SchT 5 and SchT 5 S are fitted with ESO 5, STR 5 protective strips.

The SchT 7 is a hinged group tag carrier for inlay tags which enables easy access to the clamping screw. The SchT 7 is fitted with ESO 7, STR 7 protective strips or DEK 5.

Inlay tags and protective strips can be found under "Accessories".

## General ordering data

Type	Version
SCHT 7	SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00
Order No. <a href="#">0517960000</a>	Weidmueller, white
GTIN (EAN) 4008190001742	
Qty. 20 pc(s).	

1.5 mm<sup>2</sup>

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## General ordering data

Type	Version
VQB 1.5/50 BL	Cross-connector (terminal), when screwed in, Number of poles: 50,
Order No. <a href="#">1633280000</a>	Pitch in mm (P): 6.20, Insulated: Yes, 17.5 A, blue
GTIN (EAN) 4008190257743	
Qty. 5 pc(s).	
VQB 1.5/50 SW	Cross-connector (terminal), when screwed in, Number of poles: 50,
Order No. <a href="#">1635120000</a>	Pitch in mm (P): 6.20, Insulated: Yes, 17.5 A, black
GTIN (EAN) 4008190262761	
Qty. 5 pc(s).	
VQB 1.5/50 RT	Cross-connector (terminal), when screwed in, Number of poles: 50,
Order No. <a href="#">1633290000</a>	Pitch in mm (P): 6.20, Insulated: Yes, 17.5 A, red
GTIN (EAN) 4008190257750	
Qty. 5 pc(s).	

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**Accessories**

**Cover profiles**



Cover profiles provide protection against external impact on functional areas of the terminal blocks or in combination with our support brackets for the entire terminal strip. They provide protection against electric shock caused by accidental contact with live parts due to operation or faults.

**General ordering data**

Type	ADP 3/HP3 1M	Version
Order No.	<a href="#">0485400000</a>	SAK Series, Cover profile, Transparent, 1000 mm
GTIN (EAN)	4008190023928	
Qty.	1 m	

**Connection sleeves**



**General ordering data**

Type	VH 4.2/4/2.8	Version
Order No.	<a href="#">1345800000</a>	Connecting sleeve (terminal), Height: 4 mm, Width: 4 mm, Depth: 4.2 mm, Copper
GTIN (EAN)	4008190070403	
Qty.	100 pc(s).	

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**Accessories**

**Custom printing**



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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 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).		