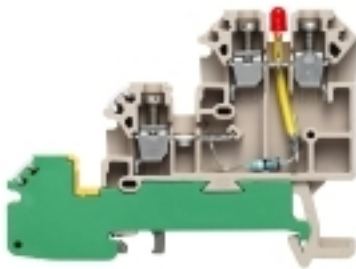


**W-Series
DLA 2.5/LD-RT/D DB**

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**Signal wiring**

Tailored and particularly compact: with our AIO initiator/actuator terminal blocks, you are relying on an application-optimised solution for signal wiring. We also offer you other terminal blocks featuring spring and screw connection technology for signal wiring.

General ordering data

Type	DLA 2.5/LD-RT/D DB
Order No.	1783620000
Version	W-Series, Initiator/actuator terminal, Rated cross-section: 2.5 mm ² , Screw connection
GTIN (EAN)	4032248212491
Qty.	50 pc(s).

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DLA 2.5/LD-RT/D DB

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Technical data
Dimensions and weights

Width	6.1 mm	Width (inches)	0.24 inch
Height	65 mm	Height (inches)	2.559 inch
Depth	48.5 mm	Depth (inches)	1.909 inch
Depth including DIN rail	49 mm	Net weight	14.98 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.	120 °C		

Material data

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

System specifications

Version	Screw connection, With PE connection, with LED, with diode	End cover plate required	Yes
Number of potentials	2	Number of levels	3
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	Yes
Rail	TS 35	N-function	No
PE function	Yes	PEN function	No

Additional technical data

Electronic component	red LED	Explosion-tested version	No
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

Component

Component current	1 A	Component type	Diode
Component voltage	1,000 V		

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Technical data
Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 2.5
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	3	Stripping length	7 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.4 Nm
Torque level with DMS electric screwdriver	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 ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Dimensions

TS 35 offset	33 mm
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Display element

Current	5 mA	Indicator element	red
Operating voltage for display, max.	30 V	Operating voltage for display, min.	5 V
Type of voltage for indicator	DC		

PE rating data

PEN function	No
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Rating data

Rated cross-section	2.5 mm ²	Rated voltage	30 V
Rated current	17.5 A	Current at maximum wires	17.5 A
Standards	IEC 60947-7-1 (-7-2)	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	0.8 kV
Pollution severity	3		

Classifications

ETIM 6.0	EC000900	ETIM 7.0	EC000900
eClass 9.0	27-14-11-28	eClass 9.1	27-14-11-28
eClass 10.0	27-14-11-28	UNSPSC	30-21-18-11

Data sheet**W-Series
DLA 2.5/LD-RT/D DB**

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Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[DE_PT1004_20160418_156_ISSUE01.pdf](#)

Engineering Data

[EPLAN_WSCAD](#)

Engineering Data

[STEP](#)

User Documentation

[StorageConditionsTerminalBlocks](#)**Safety note**

Safety notice

[Safety Information](#)

Data sheet

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Accessories

Slotted screwdriver

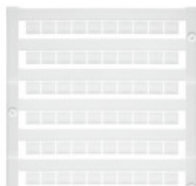
Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip



General ordering data

Type	SDS 0.6X3.5X100	Version
Order No.	9008330000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm
GTIN (EAN)	4032248056286	
Qty.	1 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.	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190203436	Weidmueller, white
Qty.	1,000 pc(s).	

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Accessories

Cross-connections



Signal wiring

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General ordering data

Type	Q 3 DLI	Version
Order No.	131260000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190024604	poles: 3
Qty.	50 pc(s).	
Type	Q 2 DLI	Version
Order No.	131250000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190039837	poles: 2
Qty.	50 pc(s).	
Type	Q 10 DLI	Version
Order No.	131310000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190167622	poles: 10
Qty.	20 pc(s).	
Type	Q 20 DLI	Version
Order No.	139980000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190070670	poles: 20
Qty.	20 pc(s).	
Type	Q 4 DLI	Version
Order No.	131270000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190162122	poles: 4
Qty.	50 pc(s).	

Small partition



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	TSCH 1	Version
Order No.	031916000	SAK Series, Small partition, beige, 2 mm
GTIN (EAN)	4008190097219	
Qty.	100 pc(s).	

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Accessories

End bracket



Klippon® Connect with clamping yoke Technology

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General ordering data

Type	EW 35	Version
Order No.	0383560000	Accessories, End bracket
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	

End plates



Signal wiring

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General ordering data

Type	AP DLI2.5 DB	Version
Order No.	1783550000	SAK Series, End plate, 1.5 mm, dark beige, Direct mounting
GTIN (EAN)	4032248189847	
Qty.	20 pc(s).	