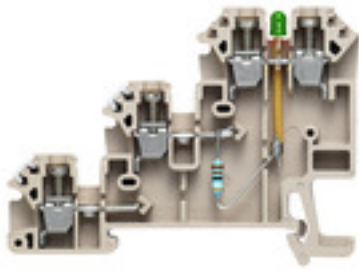


W-Series
DLI 2.5/LD-GN/NPN -+ DB**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**Product image****Signal wiring**

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	DLI 2.5/LD-GN/NPN -+ DB
Order No.	1783940000
Version	W-Series, Initiator/actuator terminal, Rated cross-section: 2.5 mm ² , Screw connection
GTIN (EAN)	4032248218813
Qty.	50 pc(s).

Creation date May 3, 2020 2:04:00 PM CEST

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

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Technical data
Dimensions and weights

Width	6.1 mm	Width (inches)	0.24 inch
Height	66 mm	Height (inches)	2.598 inch
Depth	48.5 mm	Depth (inches)	1.909 inch
Depth including DIN rail	49 mm	Net weight	10.75 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 LED, One end without connector	End cover plate required	Yes
Number of potentials	2	Number of levels	3
Number of clamping points per level	1	Number of potentials per tier	1
PE connection	No	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Electronic component	Green LED	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 B (CSA)	10 A
Current size C (CSA)	10 A	Current size D (CSA)	10 A
Voltage size B (CSA)	30 V	Voltage size C (CSA)	30 V
Voltage size D (CSA)	30 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 ²
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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	4	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

Display element

Current	5 mA	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	24 A	Current at maximum wires	24 A
Standards	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	0.8 kV
Pollution severity	3		

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		

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
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Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[DE_PT1004_20160418_161_ISSUE01.pdf](#)

Brochure/Catalogue

[CAT 1 TERM 16/17 EN](#)

Engineering Data

[EPLAN, WSCAD](#)

Engineering Data

[STEP](#)

User Documentation

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

Safety notice

[Safety Information](#)

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Accessories

Holding plates



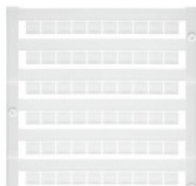
Building installation wiring

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Type	HP 4 ADP3	Version
Order No.	0485860000	SAK Series, Fixing plate, beige, 3 mm
GTIN (EAN)	4008190151096	
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.	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	QL 2 DLI	Version
Order No.	029720000	SAK Series, Cross-connection lug, for screwable cross-connection,
GTIN (EAN)	4008190057176	Number of poles: 2
Qty.	100 pc(s).	
Type	VQB 1.5/50 SW	Version
Order No.	163512000	SAK Series, Cross-connector bridge, for cross-connection link, Number
GTIN (EAN)	4008190262761	of poles: 50
Qty.	5 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	VQB 1.5/50 BL	Version
Order No.	163328000	SAK Series, Cross-connector bridge, for cross-connection link, Number
GTIN (EAN)	4008190257743	of poles: 50
Qty.	5 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	VQB 1.5/50 RT	Version
Order No.	163329000	SAK Series, Cross-connector bridge, for cross-connection link, Number
GTIN (EAN)	4008190257750	of poles: 50
Qty.	5 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).	

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Accessories

Covers



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General ordering data

Type	ADP 3/HP3 1M	Version	
Order No.	0485400000	SAK Series, Cover profile, Transparent, 1000 mm	
GTIN (EAN)	4008190023928		
Qty.	1 m		

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.	0319160000	SAK Series, Small partition, beige, 2 mm	
GTIN (EAN)	4008190097219		
Qty.	100 pc(s).		

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Accessories

End bracket



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General ordering data

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

Connection sleeves



VH 12/4.9/3.3 024900

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General ordering data

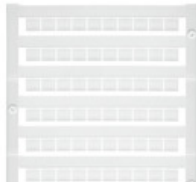
Type	VH 4.2/4/2.8 DLI2.5	Version
Order No.	1345800000	SAK Series, Connecting sleeve, for cross-connection link, Number of
GTIN (EAN)	4008190070403	poles: 1
Qty.	100 pc(s).	

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Accessories

Custom printing



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- Terminal markers, suitable for all Weidmüller cable connectors
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General ordering data

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