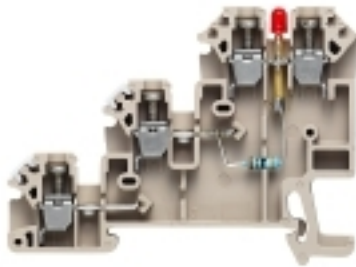


W-Series
DLI 2.5/LD-GN/PNP +- DB

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image

Similar to illustration

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/PNP +- DB
Order No.	1783970000
Version	W-Series, Initiator/actuator terminal, Rated cross-section: 2.5 mm ² , Screw connection
GTIN (EAN)	4032248212606
Qty.	100 pc(s).

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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	10.65 g

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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Material data

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, with LED, One end without connector	Tightening torque (clamping screw for copper conductors)	0.4...0.6 Nm
End cover plate required	Yes	Number of potentials	2
Number of levels	3	No. of clamping points per level	1
Number of potentials per tier	1	PE connection	No
Mounting 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	Indicator element	green
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
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 3.0	EC000900	ETIM 4.0	EC000900
ETIM 5.0	EC000900	ETIM 6.0	EC000900
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-28
eClass 6.2	27-14-11-28	eClass 7.1	27-14-11-28
eClass 8.1	27-14-11-28	eClass 9.0	27-14-11-28
eClass 9.1	27-14-11-28		

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Approvals



ROHS

Conform

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Engineering Data

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

Safety notice

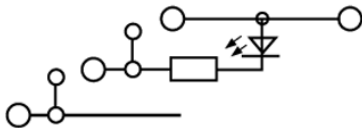
[Safety Information](#)

Data sheet

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Drawings

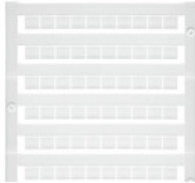


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Accessories

Custom printing



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

Cross-connections



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	Order No.	Version	GTIN (EAN)	Qty.
Q 10 DLI	1313100000	SAK Series, Cross- connector, for cross- connection link, No. of poles: 10	4008190167622	20 pc(s).
Q 2 DLI	1312500000	SAK Series, Cross- connector, for cross- connection link, No. of poles: 2	4008190039837	50 pc(s).
QL 2 DLI	0297200000	SAK Series, Cross- connection lug, for screwable cross- connection, No. of poles: 2	4008190057176	100 pc(s).

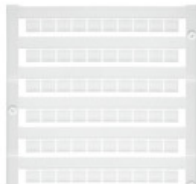
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Accessories

VQB 1.5/50 BL	1633280000	SAK Series, Cross-connector bridge, for cross-connection link, No. of poles: 50	4008190257743 5 pc(s).
VQB 1.5/50 RT	1633290000	SAK Series, Cross-connector bridge, for cross-connection link, No. of poles: 50	4008190257750 5 pc(s).
Q 20 DLI	1399800000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 20	4008190070670 20 pc(s).
Q 3 DLI	1312600000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 3	4008190024604 50 pc(s).
VQB 1.5/50 SW	1635120000	SAK Series, Cross-connector bridge, for cross-connection link, No. of poles: 50	4008190262761 5 pc(s).
Q 4 DLI	1312700000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 4	4008190162122 50 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	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 MC NE WS	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, White	4008190203436	1,000 pc(s).

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Accessories
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	Order No.	Version	GTIN (EAN)	Qty.
TSCH 1	0319160000	SAK Series, Small partition, Beige, 2 mm	4008190097219	100 pc(s).

End bracket

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

Connection sleeves


VH 12/4.9/3.3 024900

General ordering data

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

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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	Order No.	Version	GTIN (EAN)	Qty.
HP 4 ADP3	0485860000	SAK Series, Fixing plate, Beige, 3 mm	4008190151096 20 pc(s).	

Covers



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

Marking Holder



Spring connection with tension clamp Technology

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
BZT 1 ZA WS 10/5	1805520000	Accessories, Marker holder	4032248270248 100 pc(s).	

Data sheet

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Accessories

BZT 1 WS [1805490000](#)
 10/5

Accessories, Marker holder 4032248270231 100 pc(s).

Group tag holders for S10



The various terminal markers from Weidmüller enable users to solve virtually every labelling task on all types of lines. Whether several lines of labelling, ready-to-use markers with standard printing, or individual labelling, whether white or coloured markers or common designations at the clamping points, the comprehensive range of products represent the easy, quick and clear answer to every marking task.

General ordering data

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
Discontinued	2014-01-01T00:00:00+01:00	WT 4 F.S10	1341060000	Group marker, Terminal marker, 4.5 x 5 mm, Pitch in mm (P): 5.00 White	4008190163648	100 pc(s).

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