

**W-Series
DLD 2.5 BL**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Germany
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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	DLD 2.5 BL
Order No.	6269250000
Version	W-Series, Initiator/actuator terminal, Rated cross-section: 2.5 mm ² , Screw connection
GTIN (EAN)	4008 190529505
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Width	6.2 mm	Width (inches)	0.244 inch
Height	82 mm	Height (inches)	3.228 inch
Depth	48.5 mm	Depth (inches)	1.909 inch
Depth including DIN rail	49 mm	Net weight	16.86 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 code	blue
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, One end without connector	Tightening torque (clamping screw for copper conductors)	0.4...0.6 Nm
End cover plate required	Yes	Number of potentials	3
Number of levels	3	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Rail	TS 35
N-function	Yes	PE function	No
PEN function	No		

Additional technical data

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		

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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.	0.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	6	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	46 mm
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PE rating data

PEN function	No
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Rating data

Rated cross-section	2.5 mm ²	Rated voltage	250 V
Rated current	24 A	Current at maximum wires	24 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	3.99 mΩ
Rated impulse withstand voltage	4 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	Current size D (UR)	10 A
Voltage size D (UR)	300 V		

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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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of
Conformity

[DE_PT1304_20160418_157_ISSUE01.pdf](#)

Engineering Data

[EPLAN_WSCAD_Zuken E3.S](#)

Engineering Data

[STEP](#)

Safety note

Safety notice

[Safety Information](#)

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Accessories**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 laser printer, PrintJet ADVANCED, plotter or MC-Mobilo 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	Order No.	Version	GTIN (EAN)	Qty.
WS 8/5 MC	1640740000	WS, Terminal marker, 8 x 5	4008190279103 720 pc(s).	
NE WS		mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, white		

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).	

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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.

SchT 9/4 and SchT 14/6 are hinged group tag carriers for single dekafix and WS tags that enable easy access to the clamping screw.

SchT 9/4 and SchT 14/6 are fitted with WS or DEK. Inlay tags and protective strips can be found under "Accessories".

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SCHT 7	0517960000	SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00 white	4008190001742 20 pc(s).	

Tools

Tools for removing the sheathing of uncut power cables and outgoing feeders, plus screwdrivers for installing FieldPower components.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SDS 0.6X3.5X100	9008330000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm	4032248056286 1 pc(s).	

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Accessories**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).
BZT 1 WS 10/5	1805490000	Accessories, Marker holder	4032248270231	100 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 20 DLI	1399800000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 20	4008190070670	20 pc(s).
Q 2 DLI	1312500000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 2	4008190039837	50 pc(s).
Q 3 DLI	1312600000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 3	4008190024604	50 pc(s).
Q 4 DLI	1312700000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 4	4008190162122	50 pc(s).
Q 10 DLI	1313100000	SAK Series, Cross-connector, for cross-	4008190167622	20 pc(s).

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Accessories

connection link, No. of
 poles: 10

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	1609820000	Dekafix, Terminal marker,	4008190203436	1,000 pc(s).
NE WS		5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, white		