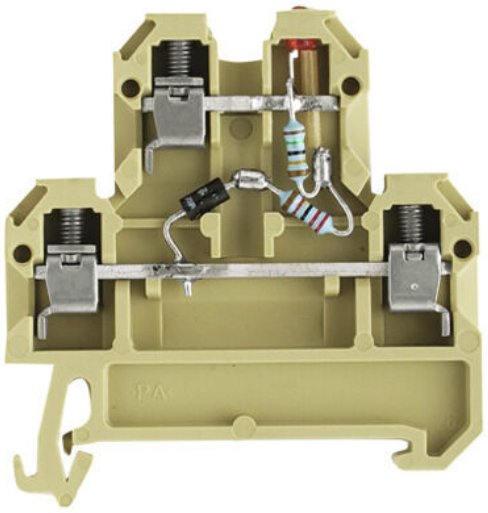
Data sheet

DK 4/35 LD 1D ROT 24VAC

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



Fuse terminal blocks and component terminal blocks allow protective and functional elements to be integrated directly into the terminal strip. Fuse terminal blocks include built-in fuse holders to reliably protect electrical circuits against overload —ideal for control and distribution systems. Component terminal blocks make it possible to incorporate electronic components such as diodes, resistors, or LEDs directly into the wiring. This enables space-saving and clearly arranged implementation of switching functions and signal separation. Both types of terminal blocks ensure higher safety, easy maintenance, and a compact, function-oriented installation.

General ordering data

Version	Multi-tier modular terminal, Screw connection, beige / yellow, 4 mm², 24 V, Number of connections: 4, Number of levels: 2, TS 35, V-2
Order No.	0395960000
Type	DK 4/35 LD 1D ROT 24VAC
GTIN (EAN)	4008190134372
Qty.	25 items
Delivery status	Discontinued
Available until	2023-11-28T00:00:00+01:00

Data sheet

DK 4/35 LD 1D ROT 24VAC

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	52.5 mm	Depth (inches)	2.0669 inch
Height	50 mm	Height (inches)	1.9685 inch
Width	6 mm	Width (inches)	0.2362 inch
Net weight	11.92 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cI
REACH SVHC	Lead 7439-92-1
SCIP	c6099607-b1cd-4fc8-8f5b-8c2defa73093

Material data

Basic material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

System specifications

Version	Screw connection, with LED, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Open sides	right	Number of similar terminals	1
Installation advice	Direct mounting	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Tightening torque, max.	1 Nm
Tightening torque, min.	0.5 Nm	Stripping length	9 mm
Type of connection	Screw connection	Number of connections	4
Clamping range, max.	4 mm²	Clamping range, min.	0.5 mm²
Clamping screw	M 3	Blade size	0.6 x 3.5 mm

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Technical data

Wire connection cross section AWG, min.	AWG 22	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²	Wire connection cross section, finely stranded, max.	4 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²	Connection cross-section, stranded, max.	4 mm²
Connection cross-section, stranded, min.	0.5 mm²	Torque level with DMS electric screwdriver	2
Wire connection cross-section, solid core, max.	4 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

Dimensions

TS 35 offset	25 mm

Fuse terminals

Type of voltage for indicator	AC	Current	5 mA
Display	LED		

General

Wire connection cross section AWG, max.	AWG 12	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 22	Standards	IEC 60947-7-1
Mounting rail	TS 35		

Rating data

Rated cross-section	4 mm²	Rated voltage	24 V
Rated DC voltage	24 V	Current at maximum wires	10 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	1 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3		

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-02
ECLASS 15.0	27-25-01-02		

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Accessories

Disconnect plugs



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

General ordering data

Type	Q 2 AKZ4	Version
Order No.	0336400000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190037680	poles: 2, Pitch in mm (P): 6.10, Insulated: No, Width: 11.1 mm
Qty.	50 ST	
Type	Q 3 AKZ4	Version
Order No.	0336500000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190121730	poles: 3, Pitch in mm (P): 6.10, Insulated: No, Width: 17.2 mm
Qty.	50 ST	
Type	Q 4 AKZ4	Version
Order No.	0336600000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190096656	poles: 4, Pitch in mm (P): 6.10, Insulated: No, Width: 23.3 mm
Qty.	50 ST	

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	Q 10 AKZ4	Version
Order No.	0368600000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190056766	poles: 10, Pitch in mm (P): 6.10, Insulated: No, Width: 59.9 mm
Qty.	20 ST	

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Accessories

Disconnect plugs



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General ordering data

Type	QB 2 WI RA6 IS	Version
Order No.	0482700000	Cross-connector (terminal), when screwed in, grey, 27 A, Number of
GTIN (EAN)	4008190166021	poles: 2, Pitch in mm (P): 6.00, Insulated: Yes, Width: 3 mm
Qty.	50 ST	

Cross-connections



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General ordering data

Type	QB 3 WI RA6 IS	Version
Order No.	0482800000	Cross-connector (terminal), when screwed in, grey, 27 A, Number of
GTIN (EAN)	4008190145217	poles: 3, Pitch in mm (P): 6.00, Insulated: Yes, Width: 3 mm
Qty.	50 ST	
Type	QB 4 WI RA6 IS	Version
Order No.	0482900000	Cross-connector (terminal), when screwed in, grey, 27 A, Number of
GTIN (EAN)	4008190086169	poles: 4, Pitch in mm (P): 6.00, Insulated: Yes, Width: 3 mm
Qty.	50 ST	

Disconnect plugs



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Accessories

General ordering data

Type	QB 75/6.2/9/WI	Version
Order No.	0526400000	Cross-connector (terminal), when screwed in, grey, 27 A, Number of
GTIN (EAN)	4008190099923	poles: 75, Pitch in mm (P): 6.00, Insulated: No, Width: 0.8 mm
Qty.	10 ST	

Type	QB 75/6.2/15	Version
Order No.	0535200000	Cross-connector (terminal), when screwed in, grey, 27 A, Number of
GTIN (EAN)	4008190179168	poles: 75, Pitch in mm (P): 6.00, Insulated: No, Width: 0.8 mm
Qty.	10 ST	

End plates and partition plates

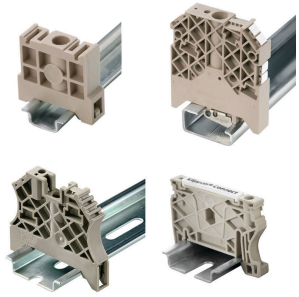


Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

Type	AP DK4	Version
Order No.	0359260000	End plate for terminals, beige, Height: 50 mm, Width: 1.5 mm, V-2,
GTIN (EAN)	4008190012991	PA 66, Snap-on: Yes
Qty.	20 ST	

End bracket



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.	0383560000	End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C
GTIN (EAN)	4008190181314	
Qty.	50 ST	

Type	EWK 1	Version
Order No.	0206160000	End bracket, beige, TS 32, V-0, Wemid, Width: 9 mm, 100 °C
GTIN (EAN)	4008190080020	
Qty.	50 ST	

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Accessories

End plates and partition plates



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General ordering data

Type	TSCH 4 AKZ4	Version
Order No.	0363360000	Small partition (terminal), PA 66, beige, Continuous operating temp.,
GTIN (EAN)	4008190136680	max.: 100 °C
Qty.	100 ST	

Mounting support



We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

General ordering data

Type	BFSC M2.5X14 SAKD2.5N	Version
Order No.	0266800000	Mounting screw (Terminal), 2.50 mm, Depth: 3.8 mm, Width: 4.5
GTIN (EAN)	4008190084899	mm, Height: 14 mm
Qty.	100 ST	
Type	KISC M3X15/6 SAK2.5	Version
Order No.	0359000000	Clamping yoke, Mounting screw, Steel
GTIN (EAN)	4008190061548	
Qty.	100 ST	

Testadapter and testsockets



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

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Accessories

General ordering data

Type	PS 2.3 RT	Version
Order No.	0180400000	Test adapter (terminal), 230 V, 20 mA
GTIN (EAN)	4008190060121	
Qty.	20 ST	

Type	STB 8.5/D4/2.3/M2.5 AKZ	Version
Order No.	0215700000	Accessories, Socket
GTIN (EAN)	4008190184872	
Qty.	50 ST	

Cross-connections

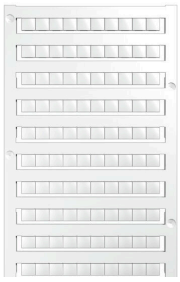


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General ordering data

Type	VL 2 AKZ4/DK4	Version
Order No.	0446700000	Cross-connector (terminal), when screwed in, grey, 32 A, Number of
GTIN (EAN)	4008190055486	poles: 2, Pitch in mm (P): 6.00, Insulated: No, Width: 5 mm
Qty.	50 ST	

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.	1000 ST	

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Accessories

Custom printing



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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 ST	

End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

Type	AP DK4 BL	Version
Order No.	0359280000	End plate for terminals, blue, Height: 50 mm, Width: 1.5 mm, V-2, PA
GTIN (EAN)	4008190031213	66, Snap-on: Yes
Qty.	20 ST	
Type	AP DK4/380 Q	Version
Order No.	0438560000	End plate for terminals, beige, Height: 51 mm, Width: 1.5 mm, V-2,
GTIN (EAN)	4008190133351	PA 66, Snap-on: Yes
Qty.	20 ST	
Type	WTW EN	Version
Order No.	1058800000	Partition plate (terminal), dark beige, Height: 86 mm, Width: 3 mm,
GTIN (EAN)	4008190140175	V-0, Wemid
Qty.	20 ST	

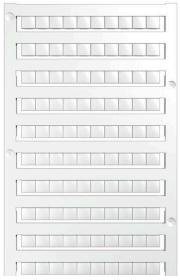
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Accessories

Blank



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General ordering data

Type	DEK 5/6 MC NE BL	Version
Order No.	1238290000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118267327	Weidmueller, blue
Qty.	1000 ST	
Type	DEK 5/6 MC NE BR	Version
Order No.	1454900000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118323313	Weidmueller, brown
Qty.	1000 ST	
Type	DEK 5/6 MC NE GE	Version
Order No.	1238280000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118038750	Weidmueller, yellow
Qty.	1000 ST	
Type	DEK 5/6 MC NE GN	Version
Order No.	1238310000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118271812	Weidmueller, green
Qty.	1000 ST	
Type	DEK 5/6 MC NE GR	Version
Order No.	1238330000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118323306	Weidmueller, grey
Qty.	1000 ST	
Type	DEK 5/6 MC NE OR	Version
Order No.	1912090000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4032248540525	Weidmueller, orange
Qty.	1000 ST	

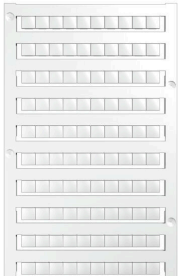
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Accessories

Plus



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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 PLUS MC NE WS	Version
Order No.	1011320000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4032248717644	Weidmueller, white
Qty.	1000 ST	

Custom printing



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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

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General ordering data

Type	DEK 5/6 PLUS MC SDR	Version
Order No.	1038650000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4032248767908	Weidmueller, To customer specification
Qty.	200 ST	

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Accessories

DEK 5/6

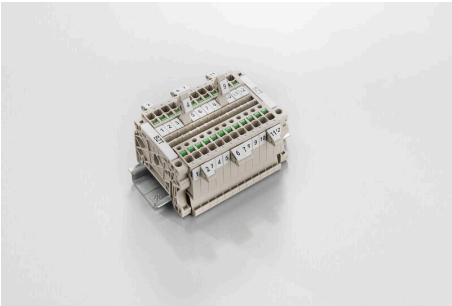


WS/ DEK
MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate 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	DEK 5/6 MM WS	Version
Order No.	2007120000	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118392104	
Qty.	600 ST	

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 snaped 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.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 ST	
Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 ST	