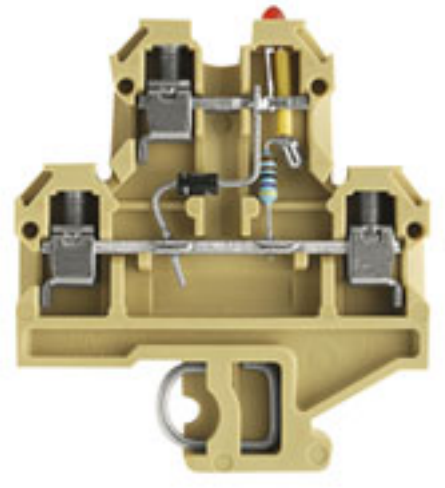
DK 4/32 LD ROT 24VDC

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

www.weidmueller.com

Product image



Why not integrating simple electrical functions into a feed through terminal. It has the same slim design of our feed-through terminal blocks - with additional functions such as cross-connections that can be used. Often, you only need a small component to integrate an external device into your automation technology. Our modular terminal blocks with electronic components make this possible; quickly, simply, and with a perfect fit.

General ordering data

Version	Multi-tier modular terminal, Screw connection, 4 mm², 24 V, Number of levels: 2, beige / yellow
Order No.	0210160000
Type	DK 4/32 LD ROT 24VDC
GTIN (EAN)	4008190020736
Qty.	25 pc(s).

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Technical data

Dimensions and weights

Depth	56.5 mm	Depth (inches)	2.224 inch
Height	50 mm	Height (inches)	1.969 inch
Width	6 mm	Width (inches)	0.236 inch
Net weight	12.92 g		

Temperatures

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

Material data

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
Rail	TS 32	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm²
Clamping range, min.	0.5 mm²	Clamping screw	M 3
Connection cross-section, stranded, max.	4 mm²	Connection cross-section, stranded, min.	0.5 mm²
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	4	Stripping length	9 mm
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screw-driver	2	Type of connection	Screw connection
Type of connection 2	Screw connection	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section, finely stranded, max.	4 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²	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, solid core, max.	4 mm²
Wire connection cross-section, solid core, min.	0.5 mm²		

Dimensions

TS 32 offset	25 mm

Display element

Current	5 mA	Indicator element	red
Operating voltage for display, max.	24 V	Operating voltage for display, min.	24 V
Type of voltage for indicator	DC		

General

Installation advice	Direct mounting	Rail	TS 32
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 22		

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 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-02

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Technical data

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	c6099607-b1cd-4fc8-8f5b-8c2defa73093

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity UKCA declaration of conformity
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

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Accessories

SAK-Series

End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	AP DK4	Version
Order No.	0359260000	End plate (terminals), 50 mm x 1.5 mm, beige
GTIN (EAN)	4008190012991	
Qty.	20 pc(s).	

SAK-Series

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, Wemid, beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	

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Accessories

Connection sleeves

General ordering data

Type	VH 10/4/2.8 AKZ4	Version
Order No.	0446600000	Connecting sleeve (terminal), Height: 4 mm, Width: 4 mm, Depth: 10
GTIN (EAN)	4008190176211	mm, Cu Zn
Qty.	50 pc(s).	
Type	VL 2 AKZ4/DK4	Version
Order No.	0446700000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190055486	Pitch in mm (P): 6.00, Insulated: No, 32 A, grey
Qty.	50 pc(s).	
Type	VL 2 SAK4	Version
Order No.	0197000000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190000271	Pitch in mm (P): 6.50, Insulated: No, 32 A, grey
Qty.	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	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

Test plugs

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.

General ordering data

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

TS 32

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	EWK 1	Version
Order No.	0206160000	End bracket, Wemid, beige, Rail: TS 32, when screwed in
GTIN (EAN)	4008190080020	
Qty.	50 pc(s).	

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Accessories

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

Insulation profiles

General ordering data

Type	ISPF QB75 BL	Version
Order No.	0526780000	Insulation profile, Plastic, blue
GTIN (EAN)	4008190093105	
Qty.	10 pc(s).	
Type	ISPF QB75 SW	Version
Order No.	0526700000	Insulation profile, Plastic, black
GTIN (EAN)	4008190093723	
Qty.	10 pc(s).	
Type	ISPF QB75 RT	Version
Order No.	0526760000	Insulation profile, Plastic, red
GTIN (EAN)	4008190157821	
Qty.	10 pc(s).	

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Accessories

QB RA

Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

Type	QB 2 WI RA6 IS	Version
Order No.	0482700000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190166021	Pitch in mm (P): 6.00, Insulated: Yes, 27 A, grey
Qty.	50 pc(s).	
Type	QB 3 WI RA6 IS	Version
Order No.	0482800000	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4008190145217	Pitch in mm (P): 6.00, Insulated: Yes, 27 A, grey
Qty.	50 pc(s).	
Type	QB 4 WI RA6 IS	Version
Order No.	0482900000	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190086169	Pitch in mm (P): 6.00, Insulated: Yes, 27 A, grey
Qty.	50 pc(s).	

SAK-Series

A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

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 pc(s).	

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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 pc(s).	

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.

General ordering data

Type	STB 8.5/D4/2.3/M2.5 AKZ	Version
Order No.	0215700000	Accessories, Socket
GTIN (EAN)	4008190184872	
Qty.	50 pc(s).	
Type	STB 8.5/D4.5/2/M3 SAKT4	Version
Order No.	0244600000	SAK Series, Socket
GTIN (EAN)	4008190103828	
Qty.	50 pc(s).	

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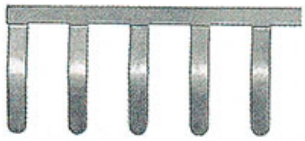
Accessories

Type	STB 8.5/5/2.3/M3 SAK2.5	Version
Order No.	0280600000	Accessories, Socket
GTIN (EAN)	4008190023188	
Qty.	50 pc(s).	

QB



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

Type	QB 75/6.2/9/WI	Version
Order No.	0526400000	Cross-connector (terminal), when screwed in, Number of poles: 75,
GTIN (EAN)	4008190099923	Pitch in mm (P): 6.00, Insulated: No, 27 A, grey
Qty.	10 pc(s).	
Type	QB 75/6.2/15	Version
Order No.	0535200000	Cross-connector (terminal), when screwed in, Number of poles: 75,
GTIN (EAN)	4008190179168	Pitch in mm (P): 6.00, Insulated: No, 27 A, grey
Qty.	10 pc(s).	

Q / AKZ

Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

Type	Q 10 AKZ4	Version
Order No.	0368600000	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	4008190056766	Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
Qty.	20 pc(s).	
Type	Q 3 AKZ4	Version
Order No.	0336500000	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4008190121730	Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
Qty.	50 pc(s).	
Type	Q 2 AKZ4	Version
Order No.	0336400000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190037680	Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
Qty.	50 pc(s).	

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Accessories

Type	Q 4 AKZ4	Version
Order No.	0336600000	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190096656	Pitch in mm (P): 6.10, Insulated: No, 24 A, grey
Qty.	50 pc(s).	

Screws

Depending on the terminal block or also accessories, we offer different types of screws as additional items or also spare parts.

General ordering data

Type	KISC M3X15/6 SAK2.5	Version
Order No.	0359000000	Clamping yoke, Mounting screw, Steel
GTIN (EAN)	4008190061548	
Qty.	100 pc(s).	
Type	BFSC M2.5X14 SAKD2.5N	Version
Order No.	0266800000	Mounting screw (Terminal)
GTIN (EAN)	4008190084899	
Qty.	100 pc(s).	