

Weidmüller Interface GmbH & Co. KG

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Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Product image







To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	Feed-through terminal block, Screw connection, medium yellow, 50 mm², 150 A, 1000 V, Number of connections: 1
Order No.	0286720000
Туре	SAKG 32 III
GTIN (EAN)	4008190081010
Qty.	10 items





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Technical data

Appiovais		
Approvals	CE P CURUSEX	JK

ROHS	Conform	
UL File Number Search	<u>UL Website</u>	
Certificate No. (UR)	E60693	
Certificate No. (cURusEX)	E184763	

Dimensions and weights

Depth	84.5 mm	Depth (inches)	3.3268 inch
Height	94 mm	Height (inches)	3.7008 inch
Width	32 mm	Width (inches)	1.2598 inch
Net weight	214.46 g		

Temperatures

Storage temperature	-25 °C55 °C	Ambient temperature	-5 °C40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	999cd67e-471e-4085-8dba-1342fcea86de

Material data

Basic material	KrG	Colour	medium yellow
UL 94 flammability rating	V-0, 5VA		

System specifications

Version	Screw connection	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 32	N-function	No
PE function	No	PEN function	No

Additional technical data

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

CSA rating data

Wire cross section max. (CSA)	00 AWG	Voltage size C (CSA)	600 V
Current size C (CSA)	185 A	Certificate No. (CSA)	12400-199
Wire cross section min. (CSA)	1 AWG		

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Technical data

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	B11	Wire connection cross section AWG, max.	AWG 2/0
Connection direction	on side	Tightening torque, max.	12 Nm
Tightening torque, min.	6 Nm	Stripping length	26 mm
Type of connection	Screw connection	Number of connections	1
Clamping range, max.	70 mm ²	Clamping range, min.	10 mm²
Clamping screw	M 8	Wire connection cross section AWG, min.	AWG 3
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	70 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	10 mm ²	Wire connection cross section, finely stranded, max.	70 mm ²
Wire connection cross section, finely stranded, min.	10 mm²	Connection cross-section, stranded, max.	70 mm²
Connection cross-section, stranded, mir	. 10 mm²	Wire connection cross-section, solid core, max.	16 mm²
Wire connection cross-section, solid core, min.	10 mm ²	Connection cross-section, finely stranded, min.	10 mm²

General

Wire connection cross section AWG,	AWG 2/0	Installation advice	Direct mounting
max.			
Wire connection cross section AWG,	AWG 3	Standards	IEC 60947-7-1
min.			
Mounting rail	TS 32		

Rating data

Rated cross-section	50 mm ²	Rated voltage	1000 V
Rated DC voltage	1000 V	Nominal current	150 A
Current at maximum wires	192 A		IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.21 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	4.80 W	Pollution severity	3

UL rating data

Conductor size Factory wiring max. (UR) 000 AWG	Current size C (UR)	165 A
Voltage size C (UR)	600 V	Conductor size Factory wiring min. (UR)	6 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	6 AWG
Conductor size Field wiring max. (UR)	000 AWG		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20

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Technical data

ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-01	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		



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Accessories

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 QL 2 SAKG32+70
Order No. 0194000000
GTIN (EAN) 4008190177645
Qty. 5 ST

Version
Cross-connector (terminal), when screwed in, grey, 150 A, Number of poles: 2, Pitch in mm (P): 32.00, Insulated: No, Width: 50 mm

End plates and partition plates



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
 TW SAKG46 HP/TF/GE/2
 Version

 Order No.
 0179900000
 Partition plate (terminal), yellow, Height: 160 mm, Width: 2 mm, V-2,

 GTIN (EAN)
 4008190107833
 PA 66

 Qty.
 10 ST

Protection against contact



Our systems for touch protection ensure greater safety in your cabinet. They provide protection against electric shock caused by accidental contact with live parts due to operation or faults.

General ordering data

5 ST

Qty.

 Type
 AH 32 SAKG32
 Version

 Order No.
 0326760000
 Terminal cover, beige, PA 66, Height: 156 mm, Width: 30 mm, Depth:

 GTIN (EAN)
 4008190064976
 74 mm, V-2

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Accessories

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

Туре	DEK 5/5 MC NE WS
Order No.	1609801044
GTIN (EAN)	4008190397111
Otv	1000 ST

Version

Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00

Weidmueller, white

Custom printing



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General ordering data

Туре	DEK 5/5 MC SDR	Version
Order No.	<u>1609810000</u>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190456597	Weidmueller, To customer specification
Qty.	200 ST	

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Accessories

End plates and partition plates



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General ordering data

Туре	EP 1 SAKG32/35 HP/TF/GE	Version
Order No.	0180600000	End and partition plate for terminals, yellow, Height: 120 mm, Width:
GTIN (EAN)	4008190083915	2 mm, V-2, PA 66
Qty.	10 ST	

Blank



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General ordering data

Туре	DEK 5/5 MC NE BL	Version
Order No.	1609801693	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397166	Weidmueller, blue
Qty.	1000 ST	
Туре	DEK 5/5 MC NE BR	Version
Order No.	1249870000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118051865	Weidmueller, brown
Qty.	1000 ST	
Туре	DEK 5/5 MC NE GE	Version
Order No.	<u>1609801687</u>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397135	Weidmueller, yellow
Qty.	1000 ST	
Туре	DEK 5/5 MC NE GN	Version
Order No.	1609801688	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397142	Weidmueller, green
Qty.	1000 ST	

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Accessories

Туре	DEK 5/5 MC NE GR	Version
Order No.	<u>1609801691</u>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397159	Weidmueller, grey
Qty.	1000 ST	
Туре	DEK 5/5 MC NE OR	Version
Order No.	1238340000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118062632	Weidmueller, orange
Qty.	1000 ST	
Type	DEK 5/5 MC NE RT	Version
Type Order No.	DEK 5/5 MC NE RT 1609801686	Version Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
	,	
Order No.	<u>1609801686</u>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
Order No. GTIN (EAN)	1609801686 4008190397128	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
Order No. GTIN (EAN) Oty.	1609801686 4008190397128 1000 ST	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, red
Order No. GTIN (EAN) Oty. Type	1609801686 4008190397128 1000 ST DEK 5/5 MC NE SW	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, red Version

V0



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General ordering data

Туре	DEK 5/5 MC NE VO WS	Version
Order No.	<u>1388530000</u>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118188622	Weidmueller, white
Qty.	1000 ST	

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Accessories

Blank



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General ordering data

Туре	DEK 5/5 MC NE VI
Order No.	1249860000
GTIN (EAN)	4050118042764
Qty.	1000 ST

Version

Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00

Weidmueller, violet

Plus



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General ordering data

Туре	DEK 5/5 PLUS MC NE GE	Version
Order No.	1907520000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4032248532100	Weidmueller, yellow
Qty.	1000 ST	
Туре	DEK 5/5 PLUS MC NE WS	Version
Order No.	1854490000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4000040000500	AALST HE LIS
GIIIV (LAIV)	4032248393596	Weidmueller, white

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Accessories

Custom printing



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General ordering data

Туре	DEK 5/5 PLUS MC SDR
Order No.	<u>1854500000</u>
GTIN (EAN)	4032248393602

200 ST

Version

Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00

Weidmueller, To customer specification

Blank

Qty.



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General ordering data

Type	DEK 5/5 S MC NE WS	Version
Order No.	1341620000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118145793	Weidmueller, white
Qty.	400 ST	

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Accessories

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General ordering data

Туре	DEK 5/5 S MC SDR
Order No.	<u>1341590000</u>
GTIN (EAN)	4050118146042
Otv	80 ST

Version

Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00

Weidmueller, To customer specification

DEK 5/5



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

Туре	DEK 5/5 MM WS	Version
Order No.	2007110000	Dekafix, Terminal marker, 5 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118391862	
Qty.	800 ST	

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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

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

DEK 5/8



WS/DEK

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General ordering data

Туре	DEK 5/8 MM WS	Version
Order No.	2007130000	Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392012	
Qty.	500 ST	

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