

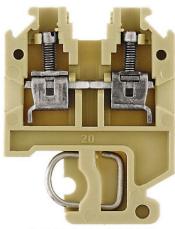
Weidmüller Interface GmbH & Co. KG

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Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Product image







SAKD 2.5N 021556

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

Feed-through terminal block, Screw connection, beige / yellow, 2.5 mm², 24 A, 500 V, Number of connections: 2
<u>0215560000</u>
SAKD 2.5N
4008190163433
100 items





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Technical data

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			DATE COLUMN	TYPE APPROVAL SCHEME	

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

Dimensions and weights

Depth	43.5 mm	Depth (inches)	1.7126 inch
Height	32.5 mm	Height (inches)	1.2795 inch
Width	5 mm	Width (inches)	0.1968 inch
Net weight	6.26 g		

Temperatures

Storage temperature	-25 °C55 °C	Ambient temperature	-5 °C40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

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

System specifications

Version	Screw connection, for screwable cross- connection, One end without connector	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	right	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)	12 AWG	Voltage size C (CSA)	300 V
Current size C (CSA)	20 A	Certificate No. (CSA)	12400-115
Wire cross section min. (CSA)	22 AWG		

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Technical data

	ditional connection)		
conductors for champing (aux			
Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²	Connection type, additional connection	Screw connection
Conductors for clamping (rat	ed connection)		
	• •	MC	A)A(O 4 O
Gauge to IEC 60947-1	A2	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Tightening torque, max.	0.6 Nm
ightening torque, min.	0.4 Nm	Stripping length	10 mm
ype of connection	Screw connection	Number of connections	2
lamping range, max.	4 mm ²	Clamping range, min.	0.08 mm ²
lamping screw	M 2.5	Blade size	0.6 x 3.5 mm
Vire connection cross section AWG, nin.	AWG 28	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 16228/4, min.	0.08 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 16228/1, min.	0.08 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.08 mm ²	Connection cross-section, stranded, max.	2.5 mm ²
Connection cross-section, stranded, mi	n. 0.08 mm²	Twin wire-end ferrules, max.	1 mm ²
win wire-end ferrules, min.	0.5 mm ²	Torque level with DMS electric screwdriver	1
Vire connection cross-section, solid core, max.	4 mm²	Wire connection cross-section, solid core, min.	0.08 mm ²
Connection cross-section, finely stranded, min.	0.08 mm ²		
General			
Vire connection cross section AWG,	AWG 12	Installation advice	Direct mounting
max. Wire connection cross section AWG,	AWG 28	Standards	IEC 60947-7-1
nin. Mounting rail	TS 32		
Rating data			
Poted erose section	2.5 mm²	Poted valters	500 V
Rated cross-section	2.5 mm ²	Rated voltage	500 V
ated DC voltage	500 V	Nominal current	24 A
current at maximum wires	30 A	Standards	IEC 60947-7-1
olume resistance according to IEC 0947-7-x	1.33 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3
JL rating data			
	N 40 ANA(0	0.000	00.4
Conductor size Factory wiring max. (UF	<u> </u>	Current size C (UR)	20 A
/oltage size C (UR)	300 V	Conductor size Factory wiring min. (UR)	
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	28 AWG
Conductor size Field wiring max. (UR)	12 AWG		
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Technical data

Classifications

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



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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 SAKD2.5N Order No. 0367800000 GTIN (EAN) 4008190133436 Qty. 50 ST Version

Cross-connector (terminal), when screwed in, grey, 24 A, Number of poles: 2, Pitch in mm (P): 5.00, Insulated: No, Width: 9.5 mm

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

Туре	Q 3 SAKD2.5N	Version
Order No.	0367900000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190176778	poles: 3, Pitch in mm (P): 5.00, Insulated: No, Width: 14.6 mm
Qty.	50 ST	
Туре	Q 4 SAKD2.5N	Version
Order No.	0368000000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190044909	poles: 4, Pitch in mm (P): 5.00, Insulated: No, Width: 24.8 mm
Qty.	50 ST	
Туре	Q 10 SAKD2.5N	Version
Order No.	0368100000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190116293	poles: 10, Pitch in mm (P): 5.00, Insulated: No, Width: 50.3 mm
Qty.	20 ST	

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Accessories

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

Туре	AP SAKD2.5N	Version
Order No.	0150960000	End plate for terminals, beige, Height: 32.5 mm, Width: 1.5 mm, V-2,
GTIN (EAN)	4008190071981	PA 66, Snap-on: Yes
Qty.	20 ST	
Туре	AP SAKD2.5N BL	Version
Order No.	0150980000	End plate for terminals, blue, Height: 32.5 mm, Width: 1.5 mm, V-2,
GTIN (EAN)	4008190014797	PA 66, Snap-on: Yes
Qty.	20 ST	
Туре	TW SAKD2.5N	Version
Order No.	0191860000	Partition plate (terminal), beige, Height: 42.5 mm, Width: 1.5 mm,
GTIN (EAN)	4008190074609	V-2, PA 66
Qty.	20 ST	
Туре	TW SAKD2.5N HP/TF/0.5	Version
Order No.	0307500000	Partition plate (terminal), beige, Height: 32.5 mm, Width: 0.5 mm,
GTIN (EAN)	4008190110017	V-2, PA 66
Qty.	20 ST	
Туре	TSCH 3 SAKD2.5 N	Version
Order No.	000000000	Small postition (torminal) DA 66 hairs Continuous aparating town
	<u>0366860000</u>	Small partition (terminal), PA 66, beige, Continuous operating temp.,
GTIN (EAN)	4008190010928	max.: 100 °C

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.

General ordering data

Type PS 2.3 RT
Order No. 0180400000
GTIN (EAN) 4008190060121
Oty. 20 ST

Version

Test adapter (terminal), 230 V, 20 mA

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Accessories

Type STB 8.5/D4/2.3/M2.5 AKZ
Order No. 0215700000

4008190184872

GTIN (EAN) 40081901

Qty. 50 ST

Version

Accessories, Socket

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 DEK 5/5 MC SDR
Order No. 1609810000
GTIN (EAN) 4008190456597
Qty. 200 ST

Version

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

Weidmueller, To customer specification

Blank



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General ordering data

Туре	DEK 5/5 MC NE WS	Version
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1000 ST	

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Accessories

Slotted screwdriver



VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

General ordering data

Type SDIS 0.6X3.5X100 Order No. 9008390000 GTIN (EAN) 4032248056354

Qty. 1 S7

Version

Screwdriver, Screwdriver

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

Blank



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General ordering data

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Туре	DEK 5/5 MC NE BL	Version
Order No.	<u>1609801693</u>	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.	1609801687	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	
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	
Туре	DEK 5/5 MC NE RT	Version
Order No.	1609801686	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397128	Weidmueller, red
Qty.	1000 ST	
Туре	DEK 5/5 MC NE SW	Version
Order No.	1457550000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118263817	Weidmueller, black
Qty.	1000 ST	



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Accessories

V0



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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.

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- Terminal markers, suitable for all Weidmüller cable connectors
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General ordering data

Type	DEK 5/5 MC NE VO WS
Order No.	<u>1388530000</u>
GTIN (EAN)	4050118188622

1000 ST

Version

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

Weidmueller, white

Blank

Qty.



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General ordering data

Туре	DEK 5/5 MC NE VI	Version
Order No.	1249860000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118042764	Weidmueller, violet
Qty.	1000 ST	

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Accessories

Plus



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General ordering data

Type	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
Type Order No.	DEK 5/5 PLUS MC NE WS 1854490000	Version Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
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Custom printing



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General ordering data

Туре	DEK 5/5 PLUS MC SDR	Version
Order No.	<u>1854500000</u>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4032248393602	Weidmueller, To customer specification
Qty.	200 ST	

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Accessories

Blank



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General ordering data

Туре	DEK 5/5 S MC NE WS
Order No.	1341620000
GTIN (EAN)	4050118145793

400 ST

Version

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

Weidmueller, white

Custom printing

Qty.



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General ordering data

Type	DEK 5/5 S MC SDR	Version
Order No.	1341590000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118146042	Weidmueller, To customer specification
Qty.	80 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.	<u>1805490000</u>	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

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 5/8 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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