

Weidmüller Interface GmbH & Co. KG

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Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com



The plugs for our WeiCoS-System are available for all different connection systems. The product range includes preassembled connectors from 1 to 10 poles and the possibility of an individual assembly. This ensures maximum flexibility for every application. The customized accessories increase the safety and protection against environmental influences.

General ordering data

Plug (terminal), SNAP IN, 2.5 mm², 24 A, 800 V, Number of connections: 1, Number of poles: 1, Width: 5.1 mm
<u>3030220000</u>
SPG 2.5 MI GN
4099986973244
50 items





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Technical data

Dimonoione	and weights
Dimensions	and weights

Depth	42.5 mm	Depth (inches)	1.6732 inch
Height	16.5 mm	Height (inches)	0.6496 inch
Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	1 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 without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	Wemid	Colour	green
Colour of operational elements	green	UL 94 flammability rating	V-0

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1		

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 14
Connection direction	top	Stripping length	10 mm
Type of connection	SNAP IN	Number of connections	1
Clamping range, max.	2.5 mm ²	Clamping range, min.	0.34 mm ²
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.34 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.	0.34 mm ²
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	0.34 mm ²
Connection cross-section, stranded, max.	2.5 mm ²	Connection cross-section, stranded, mi	n. 0.34 mm²
Wire connection cross-section, solid core, max.	2.5 mm ²	Wire connection cross-section, solid core, min.	0.34 mm ²

General

Number of poles	1	Wire connection cross section AWG,	AWG 14
		max.	
Wire connection cross section AWG, min.	AWG 22	Standards	In accordance with IEC 60947-7-1

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Technical data

Rating	data
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Rated cross-section	2.5 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	24 A
Current at maximum wires	24 A	Standards	In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	0.77 mW	Surge voltage category	III
Pollution severity	3		

Classifications

	<u> </u>		<u> </u>
ETIM 6.0	EC002848	ETIM 7.0	EC002848
ETIM 8.0	EC002848	ETIM 9.0	EC002848
ETIM 10.0	EC002848	ECLASS 9.0	27-14-11-92
ECLASS 9.1	27-14-11-92	ECLASS 10.0	27-14-11-92
ECLASS 11.0	27-14-11-92	ECLASS 12.0	27-14-11-92
ECLASS 13.0	27-25-03-90	ECLASS 14.0	27-25-03-90
ECLASS 15.0	27-25-03-90		
ECLASS 15.0	27-25-03-90		



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Accessories

Plugs









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General ordering data

APGLE 2.5/4	Version
2457570000	Locking clips (terminal), Wemid, orange
4050118473100	
25 ST	
APGSR 2.5/4 - 8P	Version
2457600000	Strain relief (terminal), Wemid, orange
4050118472929	
25 ST	
APGSR 2.5/4 - 4P	Version
2457590000	Strain relief (terminal), Wemid, orange
4050118472967	
25 ST	
APGSR 2.5/4	Version
2457580000	Strain relief (terminal), Wemid, orange
4050118472998	
25 ST	
MCV SPG 2.5	Version
3032900000	End plate for terminals, dark beige, Height: 16.5 mm, Width: 0.55
4099986985513	mm, V-0, Wemid, Snap-on: Yes
	2457570000 4050118473100 25 ST APGSR 2.5/4 - 8P 2457600000 4050118472929 25 ST APGSR 2.5/4 - 4P 2457590000 4050118472967 25 ST APGSR 2.5/4 2457580000 4050118472998 25 ST MCV SPG 2.5

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.

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Accessories

General ordering data

Type	DEK 5/5 S MC NE WS	Version
Order No.	<u>1341620000</u>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118145793	Weidmueller, white
Qty.	400 ST	
Туре	DEK 5/5 MC NE WS	Version
Order No.	<u>1609801044</u>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1000 ST	
Туре	WS 8/5 PLUS MC NE WS	Version
Type Order No.	WS 8/5 PLUS MC NE WS 1951870000	Version WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
	'	
Order No.	<u>1951870000</u>	WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
Order No. GTIN (EAN)	<u>1951870000</u> 4032248631605	WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
Order No. GTIN (EAN) Qty.	1951870000 4032248631605 600 ST	WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, white
Order No. GTIN (EAN) Oty. Type	1951870000 4032248631605 600 ST WS 8/5 MC NE WS	WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, white

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

Type	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

WS 8/5



WS/ DEK

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- · Continuous strips save installation time
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- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

Туре	WS 8/5 MM WS	Version	
Order No.	2007150000	WS, Terminal marker, 8 x 5 mm, Weidmueller, white	
GTIN (EAN)	4050118392029		
Qty.	800 ST		