

**APG 1.5/8-7BG-GN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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**

Version	Plug, 1.5 mm <sup>2</sup> , 500 V, 17.5 A, Number of poles: 8, dark beige
Order No.	<a href="#">2719810000</a>
Type	APG 1.5/8-7BG-GN
GTIN (EAN)	4050118811179
Qty.	20 items

## APG 1.5/8-7BG-GN

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## Technical data

### Approvals

ROHS	Conform
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### Dimensions and weights

Depth	31.15 mm	Depth (inches)	1.2264 inch
Height	14 mm	Height (inches)	0.5512 inch
Width	28 mm	Width (inches)	1.1024 inch
Net weight	9.31 g		

### Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °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	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

### System specifications

End cover plate required	No	Number of potentials	8
Number of levels	1		

### Additional technical data

Type of mounting	Plugged
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### Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A1	Wire connection cross section AWG, max.	AWG 14
Connection direction	top	Stripping length	10 mm
Type of connection	PUSH IN	Number of connections	8
Clamping range, max.	1.5 mm <sup>2</sup>	Clamping range, min.	0.14 mm <sup>2</sup>
Blade size	0.4 x 2.0 mm	Wire connection cross section AWG, min.	AWG 26
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.14 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	1.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>
Connection cross-section, stranded, max.	1.5 mm <sup>2</sup>	Connection cross-section, stranded, min.	0.14 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	1.5 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.14 mm <sup>2</sup>

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**Technical data**

**General**

Number of poles	8	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 26	Standards	In accordance with IEC 60947-7-1

**Rating data**

Rated cross-section	1.5 mm <sup>2</sup>	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	500 V
Nominal current	17.5 A	Current at maximum wires	17.5 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.83 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	0.56 W
Surge voltage category	III	Pollution severity	3

**Classifications**

ETIM 8.0	EC002848	ETIM 9.0	EC002848
ETIM 10.0	EC002848	ECLASS 14.0	27-25-03-90
ECLASS 15.0	27-25-03-90		

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Klingenbergstraße 26

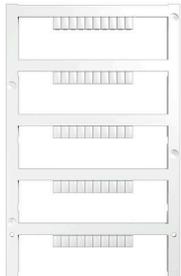
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## Accessories

### 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

Type	DEK 5/3.5 MC NE GE	Version
Order No.	<a href="#">1369480000</a>	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118171860	Weidmueller, yellow
Qty.	500 ST	
Type	DEK 5/3.5 MC NE WS	Version
Order No.	<a href="#">1755270000</a>	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4032248017348	Weidmueller, white
Qty.	500 ST	

### Custom printing



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### General ordering data

Type	DEK 5/3.5 MC SDR	Version
Order No.	<a href="#">1767730000</a>	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4032248102532	Weidmueller, To customer specification
Qty.	100 ST	

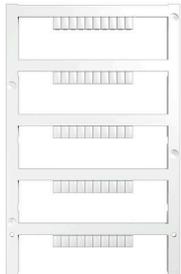
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## Accessories

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### General ordering data

Type	DEK 5/3.5 PLUS MC NE WS	Version
Order No.	<a href="#">2003750000</a>	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118424430	Weidmueller, white
Qty.	1600 ST	

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### General ordering data

Type	DEK 5/3.5 PLUS MC SDR	Version
Order No.	<a href="#">2007790000</a>	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118393347	Weidmueller, To customer specification
Qty.	320 ST	

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### Plugs



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### General ordering data

Type	APGCE	Version
Order No.	<a href="#">1514490000</a>	Coding element (terminal), Wemid, orange, Width: 3.3 mm
GTIN (EAN)	4050118321906	
Qty.	50 ST	
Type	APGSR 1.5	Version
Order No.	<a href="#">2482730000</a>	Strain relief (terminal), Wemid, orange
GTIN (EAN)	4050118493993	
Qty.	25 ST	
Type	APGSR 1.5 - 4P	Version
Order No.	<a href="#">2482740000</a>	Strain relief (terminal), Wemid, orange
GTIN (EAN)	4050118494204	
Qty.	25 ST	
Type	APGSR 1.5 - 8P	Version
Order No.	<a href="#">2482750000</a>	Strain relief (terminal), Wemid, orange
GTIN (EAN)	4050118494211	
Qty.	25 ST	
Type	APGLE 1.5	Version
Order No.	<a href="#">2482720000</a>	Locking clips (terminal), Wemid, orange
GTIN (EAN)	4050118496253	
Qty.	25 ST	