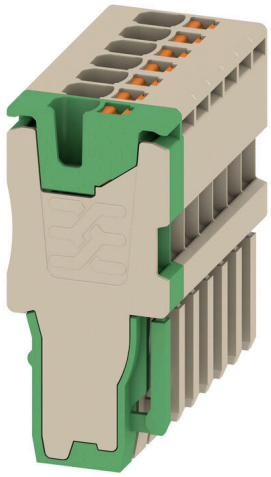
Data sheet

APG 1.5/7-6BG-GN

Weidmüller Interface GmbH & Co. KG
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

Version	Plug, 1.5 mm², 500 V, 17.5 A, Number of poles: 7, dark beige
Order No.	2719800000
Type	APG 1.5/7-6BG-GN
GTIN (EAN)	4050118811285
Qty.	25 items

APG 1.5/7-6BG-GN

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

www.weidmueller.com

Technical data

Approvals

ROHS	Conform

Dimensions and weights

Depth	31.15 mm	Depth (inches)	1.2264 inch
Height	14 mm	Height (inches)	0.5512 inch
Width	24.5 mm	Width (inches)	0.9646 inch
Net weight	8.16 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	7
Number of levels	1		

Additional technical data

Type of mounting	Plugged

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	7
Clamping range, max.	1.5 mm²	Clamping range, min.	0.14 mm²
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 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.14 mm²
Wire connection cross section, finely stranded, max.	1.5 mm²	Wire connection cross section, finely stranded, min.	0.14 mm²
Connection cross-section, stranded, max.	1.5 mm²	Connection cross-section, stranded, min.	0.14 mm²
Wire connection cross-section, solid core, max.	1.5 mm²	Wire connection cross-section, solid core, min.	0.14 mm²

APG 1.5/7-6BG-GN

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

www.weidmueller.com

Technical data

General

Number of poles	7	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 mm²	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		