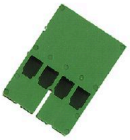
Data sheet

STGH 4 ZRV1.5/PE GN

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

www.weidmueller.com

Product image



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	Z-series, Plug-in connector, Rated cross-section: 1.5 mm², Plug-in connection, green, Plug, Direct mounting
Order No.	1698200000
Type	STGH 4 ZRV1.5/PE GN
GTIN (EAN)	4008190886431
Qty.	50 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Depth	23 mm	Depth (inches)	0.9055 inch
Height	16.8 mm	Height (inches)	0.6614 inch
Width	5 mm	Width (inches)	0.1968 inch
Net weight	1.06 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °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
UL 94 flammability rating	V-0		

System specifications

Version	Plug housing, in closed state	End cover plate required	No
Number of levels	1	Number of clamping points per level	4
Levels cross-connected internally	No	PE connection	Yes

Additional technical data

Installation advice	Plug, Direct mounting	Explosion-tested version	No
Type of mounting	Plugged		

Conductors for clamping (rated connection)

Connection direction	Inclined / angled	Stripping length	4 mm
Type of connection	Plug-in connection	Number of connections	4
Clamping range, max.	1 mm²	Clamping range, min.	0.5 mm²
Blade size	0.6 x 3.5 mm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 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.	0.5 mm²
Wire connection cross section, finely stranded, max.	1 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Connection cross-section, stranded, min.	0.5 mm²	Wire connection cross-section, solid core, max.	6 mm²
Wire connection cross-section, solid core, min.	0.5 mm²		

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Technical data

General

Number of poles	4	Installation advice	Plug, Direct mounting
Standards	IEC 60947-7-1 (-7-2), IEC 61984		

Rating data

Rated cross-section	1.5 mm²	Rated voltage	63 V
Rated DC voltage	63 V	Nominal current	4 A
Standards	IEC 60947-7-1 (-7-2), IEC 61984	Volume resistance according to IEC 60947-7-x	1.83 mΩ
Rated impulse withstand voltage	1.5 kV	Rated impulse withstand voltage to adjacent terminal	1.5 kV
Power loss in accordance with IEC 60947-7-x	0.56 W	Pollution severity	3

Classifications

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		

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Accessories

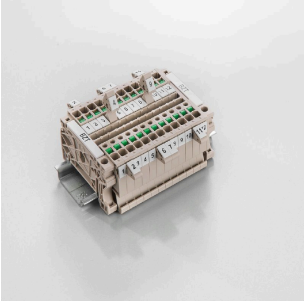
... for Weidmüller DFF and ZRV contacts

Crimping tools for for turned/stamped contact
- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- With stop for exact positioning of the contacts.

General ordering data

Type	HTF DFF	Version
Order No.	9014140000	Pressing tool, Crimping tool for contacts, 0.22mm², 2.5mm², B-Crimp
GTIN (EAN)	4008190297305	
Qty.	1 ST	
Type	HTF ZRV	Version
Order No.	9014840000	Pressing tool, Crimping tool for contacts, 0.2mm², 1mm²,
GTIN (EAN)	4008190949969	FoderBcrimp
Qty.	1 ST	

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

Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 ST	
Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 ST	

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Accessories

Mounting support

We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

General ordering data

Type	ERWZ ZRV1.5	Version
Order No.	1705350000	Tools, Release tool
GTIN (EAN)	4008190320386	
Qty.	1 ST	