

RSV1,6 S18 GR**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Similar to illustration

Rectangular plug-in connector for use with crimp contacts. Can be used as universal coupling, but also with the PCB variations. The crimp contacts guarantee a high connection density. CS 1.6 or CB 1.6 contacts can be used here. The plug-in connectors can be coded and locked to the mating connector. Supplied in cardboard box.

General ordering data

Version	PCB plug-in connector, male plug, 5.00 mm, Number of poles: 18, 180°, Crimp connection, Clamping range, max. : 3.31 mm², Box
Order No.	1417100000
Type	RSV1,6 S18 GR
GTIN (EAN)	4008190103361
Qty.	25 pc(s).
Product data	IEC: 630 V / 17 A UL: 600 V / 10 A / AWG 26 - AWG 12
Packaging	Box

Creation date July 22, 2024 8:40:40 AM CEST

Catalogue status 13.07.2024 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	29 mm	Depth (inches)	1.142 inch
Height	27 mm	Height (inches)	1.063 inch
Width	46 mm	Width (inches)	1.811 inch
Net weight	16.83 g		

System Parameters

Product family	OMNIMATE Signal - series RSV	Type of connection	Field connection
Wire connection method	Crimp connection	Pitch in mm (P)	5 mm
Pitch in inches (P)	0.197 "	Conductor outlet direction	180°
Number of poles	18	L1 in mm	25 mm
L1 in inches	0.984 "	Number of rows	3
Pin series quantity	6	Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch, plugged
Touch-safe protection acc. to DIN VDE 0470	IP20 plugged	Can be coded	Yes
Stripping length	4 mm	Plugging cycles	25
Plugging force/pole, max.	9 N	Pulling force/pole, max.	18 N

Material data

Insulating material	PA 66/6	Colour	Pebble grey
Colour chart (similar)	RAL 7032	Insulating material group	I
Comparative Tracking Index (CTI)	≥ 600	UL 94 flammability rating	V-0
Contact material	Cu-alloy	Storage temperature, min.	-40 °C
Storage temperature, max.	70 °C	Operating temperature, min.	-50 °C
Operating temperature, max.	100 °C	Temperature range, installation, min.	-25 °C
Temperature range, installation, max.	100 °C		

Conductors suitable for connection

Clamping range, min.	0.13 mm ²	Clamping range, max.	3.31 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	2.5 mm ²

Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. number of poles (Tu=20°C)	17 A
Rated current, max. number of poles (Tu=20°C)	13 A	Rated current, min. number of poles (Tu=40°C)	15 A
Rated current, max. number of poles (Tu=40°C)	11.5 A	Rated voltage for surge voltage class / pollution degree II/2	630 V
Rated voltage for surge voltage class / pollution degree III/2	400 V	Rated voltage for surge voltage class / pollution degree III/3	250 V
Rated impulse voltage for surge voltage class/ pollution degree II/2	4 kV	Rated impulse voltage for surge voltage class/ pollution degree III/2	4 kV
Rated impulse voltage for surge voltage class/ contamination degree III/3	4 kV	Short-time withstand current resistance	3 x 1s with 120 A

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Technical data

Rated data acc. to CSA

Institute (CSA)



Certificate No. (CSA)

53975-13

Rated voltage (Use group C / CSA)

600 V

Rated current (Use group C / CSA)

13 A

Wire cross-section, AWG, min.

AWG 26

Wire cross-section, AWG, max.

AWG 12

Reference to approval values

Specifications are maximum values, details - see approval certificate.

Rated data acc. to UL 1059

Institute (UR)



Certificate No. (UR)

E92202

Reference to approval values

Specifications are maximum values, details - see approval certificate.

Packing

Packaging

Box

VPE length

241 mm

VPE width

149 mm

VPE height

39 mm

Classifications

ETIM 6.0

EC002638

ETIM 7.0

EC002638

ETIM 8.0

EC002638

ETIM 9.0

EC002638

ECLASS 9.0

27-44-03-09

ECLASS 9.1

27-44-03-09

ECLASS 10.0

27-44-03-09

ECLASS 11.0

27-46-02-02

ECLASS 12.0

27-46-02-02

ECLASS 13.0

27-46-02-02

Environmental Product Compliance

REACH SVHC

/

RoHS Compliance Status

Compliant without exemption

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Technical data

Important note

IPC conformity	Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.
Notes	<ul style="list-style-type: none">• Additional variants on request• Rated current related to rated cross-section & min. No. of poles.• Spacing between rows: see hole layout• Rated cross-section depends on crimp contact used.• Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.• Max. outer diameter of the cable (with insulation): 3.5 mm• Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E92202

Downloads

Approval/Certificate/Document of Conformity	Declaration of the Manufacturer
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	MB DEVICE MANUF. EN FL 72H SAMPLE SER EN PO OMNIMATE EN PO OMNIMATE EN

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Drawings

Dimensional drawing

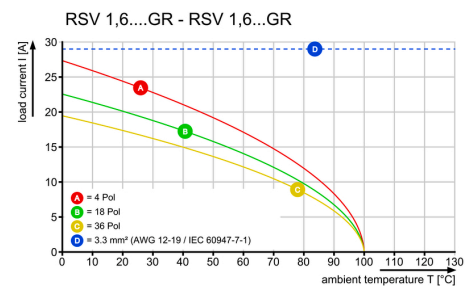


Dimensional drawing



poles	dimension male plug / female plug					mounting cut-out	
	A	B	C	D	E	a ±0.2	b ±0.2
4	23.0	25.0	10.0	12.0	17.0	20.3	18.1
6	23.0	30.0	10.0	12.0	17.0	25.1	18.1
9	29.0	30.0	16.1	12.0	23.0	25.1	24.0
12	29.0	35.0	16.1	12.0	23.0	30.0	24.0
18	29.0	46.0	16.1	12.0	23.0	40.5	24.0
24	33.0	46.0	20.0	12.0	27.0	40.5	28.3
36	33.0	61.0	20.0	12.0	27.0	55.5	28.3

Graph



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Accessories

Coding elements

**Only connects what is supposed to be connected: the right connection at the right place.**

Coding elements and locking devices clearly assign connecting elements during the manufacturing process and operation

The coding elements and locking devices are inserted prior to assembly or during the cable assembly phase. The Weidmüller alternative: configure online using the variant configurator to precode prior to delivery.

Incorrect assembly on the circuit board and incorrect plugging of connecting elements is no longer possible. The advantage: no troubleshooting during manufacture and no operational errors by the user.

General ordering data

Type	RSV1,6 KO	Version	Product data	Packaging
Order No.	1567430000	PCB plug-in connector, Accessories, Coding element, black, Number		Box
GTIN (EAN)	4008190169756	of poles: 1		
Qty.	50 pc(s).			

Pin contact standard

**For a reliable contact - CB/CS crimp contact.**

The combination of RSV housings and Weidmüller's crimp contacts enable custom adaptations to the specific requirements of your applications.

The following product options are available depending on the system:

- Safe centring of the contacts using the three-segment pin tips
- High contact reliability using four defined contact points
- Locking clasp in the cantilever spring for a secure mount of the contacts in the housing
- Pin contacts with two lengths to implement leading-pin contacts
- Up to 100 plugging cycles (tin version)
- Up to 500 plugging cycles (gold version)

The appropriate high-quality tools from Weidmüller guarantee professional processing.

General ordering data

Type	CS1,6R26-24 SN I1,4	Version	Product data	Packaging
Order No.	1421500000	PCB plug-in connector, Crimp contact, Reel packaged, Pin & dash;		Reel
GTIN (EAN)	4008190064310	standard, tinned, Max. clamping range : 0.25 mm ²		
Qty.	5,000 pc(s).			

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Accessories

Type	CS1,6E26-24 SN I1,4	Version	Product data	Packaging
Order No.	1421600000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190009939	standard, tinned, Max. clamping range : 0.25 mm ²		
Qty.	250 pc(s).			
Type	CS1,6E14-12 SN I4,2	Version	Product data	Packaging
Order No.	1582310000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190032975	standard, tinned, Max. clamping range : 2.5 mm ²		
Qty.	250 pc(s).			
Type	CS1,6R22-20 SN I2,5	Version	Product data	Packaging
Order No.	1425500000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – standard,		Reel
GTIN (EAN)	4008190004781	tinned, Max. clamping range : 0.5 mm ²		
Qty.	5,000 pc(s).			
Type	CS1,6E18-16 AU,75 I3,5	Version	Product data	Packaging
Order No.	1582250000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190135614	standard, Gold-plated, Max. clamping range : 1.5 mm ²		
Qty.	250 pc(s).			
Type	CS1,6RB18-16 AU,75 I3,5	Version	Product data	
Order No.	1017080000	PCB plug-in connector, Crimp contact, Reel packaged, Pin –		
GTIN (EAN)	4032248727711	standard, Gold-plated, Max. clamping range : 1.5 mm ²		
Qty.	4,000 pc(s).			
Type	CS1,6R18-16 AU,75 I2,5	Version	Product data	Packaging
Order No.	1426500000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – standard,		Reel
GTIN (EAN)	4008190159146	Gold-plated, Max. clamping range : 1.5 mm ²		
Qty.	5,000 pc(s).			
Type	CS1,6E14-12 SN I3,5	Version	Product data	Packaging
Order No.	1429600000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190030728	standard, tinned, Max. clamping range : 2.5 mm ²		
Qty.	250 pc(s).			
Type	CS1,6R18-16 AU,75 I3,5	Version	Product data	Packaging
Order No.	1582260000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – standard,		Reel
GTIN (EAN)	4008190184100	Gold-plated, Max. clamping range : 1.5 mm ²		
Qty.	4,000 pc(s).			
Type	CS1,6E14-12 AU,75 I3,5	Version	Product data	Packaging
Order No.	1428600000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190078867	standard, Gold-plated, Max. clamping range : 2.5 mm ²		
Qty.	250 pc(s).			
Type	CS1,6E22-20 AU,75 I2,5	Version	Product data	Packaging
Order No.	1424600000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190186562	standard, Gold-plated, Max. clamping range : 0.5 mm ²		
Qty.	250 pc(s).			
Type	CS1,6E18-16 SN I3,5	Version	Product data	Packaging
Order No.	1582270000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190126049	standard, tinned, Max. clamping range : 1.5 mm ²		
Qty.	250 pc(s).			
Type	CS1,6R18-16 SN I3,5	Version	Product data	Packaging
Order No.	1582280000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – standard,		Reel
GTIN (EAN)	4008190029401	tinned, Max. clamping range : 1.5 mm ²		
Qty.	4,000 pc(s).			
Type	CS1,6E26-24 AU,75 I1,4	Version	Product data	Packaging
Order No.	1420600000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190082772	standard, Gold-plated, Max. clamping range : 0.25 mm ²		
Qty.	250 pc(s).			

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Accessories

Type	CS1,6E18-16 SN I2,5	Version	Product data	Packaging
Order No.	1427600000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190090654	standard, tinned, Max. clamping range : 1.5 mm ²		
Qty.	250 pc(s).			
Type	CS1,6E22-20 SN I2,5	Version	Product data	Packaging
Order No.	1425600000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190048884	standard, tinned, Max. clamping range : 0.5 mm ²		
Qty.	250 pc(s).			
Type	CS1,6R14-12 AU,75 I3,5	Version	Product data	Packaging
Order No.	1428500000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – standard,		Reel
GTIN (EAN)	4008190023201	Gold-plated, Max. clamping range : 2.5 mm ²		
Qty.	3,000 pc(s).			
Type	CS1,6E22-20 AU,75 I1,8	Version	Product data	Packaging
Order No.	1422600000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190090463	standard, Gold-plated, Max. clamping range : 0.5 mm ²		
Qty.	250 pc(s).			
Type	CS1,6R22-20 AU,75 I2,5	Version	Product data	Packaging
Order No.	1424500000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – standard,		Reel
GTIN (EAN)	4008190158811	Gold-plated, Max. clamping range : 0.5 mm ²		
Qty.	5,000 pc(s).			
Type	CS1,6R22-20 SN I1,8	Version	Product data	Packaging
Order No.	1423500000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – standard,		Reel
GTIN (EAN)	4008190085063	tinned, Max. clamping range : 0.5 mm ²		
Qty.	5,000 pc(s).			
Type	CS1,6E18-16 AU,75 I2,5	Version	Product data	Packaging
Order No.	1426600000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190182861	standard, Gold-plated, Max. clamping range : 1.5 mm ²		
Qty.	250 pc(s).			
Type	CS1,6R14-12 SN I3,5	Version	Product data	Packaging
Order No.	1429500000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – standard,		Reel
GTIN (EAN)	4008190113919	tinned, Max. clamping range : 2.5 mm ²		
Qty.	4,000 pc(s).			
Type	CS1,6R18-16 SN I2,5	Version	Product data	Packaging
Order No.	1427500000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – standard,		Reel
GTIN (EAN)	4008190014551	tinned, Max. clamping range : 1.5 mm ²		
Qty.	5,000 pc(s).			
Type	CS1,6E22-20 SN I1,8	Version	Product data	Packaging
Order No.	1423600000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190061876	standard, tinned, Max. clamping range : 0.5 mm ²		
Qty.	250 pc(s).			
Type	CS1,6R26-24 AU,75 I1,4	Version	Product data	Packaging
Order No.	1420500000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – standard,		Reel
GTIN (EAN)	4008190117931	Gold-plated, Max. clamping range : 0.25 mm ²		
Qty.	5,000 pc(s).			
Type	CS1,6E14-12 AU,75 I4,2	Version	Product data	Packaging
Order No.	1582290000	PCB plug-in connector, Crimp contact, Individual contact, Pin –		Box
GTIN (EAN)	4008190015244	standard, Gold-plated, Max. clamping range : 2.5 mm ²		
Qty.	250 pc(s).			
Type	CS1,6R14-12 AU,75 I4,2	Version	Product data	Packaging
Order No.	1582300000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – standard,		Reel
GTIN (EAN)	4008190020668	Gold-plated, Max. clamping range : 2.5 mm ²		
Qty.	3,000 pc(s).			

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Accessories

Type	CS1,6R14-12 SN I4,2	Version	Product data	Packaging
Order No.	1582320000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – standard,		Reel
GTIN (EAN)	4008190008680	tinned, Max. clamping range : 2.5 mm ²		
Qty.	3,000 pc(s).			
Type	CS1,6R22-20 AU,75 I1,8	Version	Product data	Packaging
Order No.	1422500000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – standard,		Reel
GTIN (EAN)	4008190093648	Gold-plated, Max. clamping range : 0.5 mm ²		
Qty.	5,000 pc(s).			

Pin contact, long



For a reliable contact - CB/CS crimp contact.

The combination of RSV housings and Weidmüller's crimp contacts enable custom adaptations to the specific requirements of your applications.

The following product options are available depending on the system:

- Safe centring of the contacts using the three-segment pin tips
- High contact reliability using four defined contact points
- Locking clasp in the cantilever spring for a secure mount of the contacts in the housing
- Pin contacts with two lengths to implement leading-pin contacts
- Up to 100 plugging cycles (tin version)
- Up to 500 plugging cycles (gold version)

The appropriate high-quality tools from Weidmüller guarantee professional processing.

General ordering data

Type	CSL1,6E18-16 AU,75 I3,5	Version	Product data	Packaging
Order No.	1582330000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190066079	Gold-plated, Max. clamping range : 1.5 mm ²		
Qty.	250 pc(s).			
Type	CSL1,6E26-24 AU,75 I1,4	Version	Product data	Packaging
Order No.	1420700000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190130176	Gold-plated, Max. clamping range : 0.25 mm ²		
Qty.	250 pc(s).			
Type	CSL1,6R18-16 SN I3,5	Version	Product data	Packaging
Order No.	1582360000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – long,		Box
GTIN (EAN)	4008190063214	tinned, Max. clamping range : 1.5 mm ²		
Qty.	4,000 pc(s).			
Type	CSL1,6E18-16 AU,75 I2,5	Version	Product data	Packaging
Order No.	1426700000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190170516	Gold-plated, Max. clamping range : 1.5 mm ²		
Qty.	250 pc(s).			
Type	CSL1,6R18-16 AU,75 I2,5	Version	Product data	Packaging
Order No.	1565790000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – long, Gold-		Box
GTIN (EAN)	4008190021870	plated, Max. clamping range : 1.5 mm ²		
Qty.	5,000 pc(s).			

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Accessories

Type	CSL1,6R18-16 SN I2,5	Version	Product data	Packaging
Order No.	1565810000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – long,		Box
GTIN (EAN)	4008190056803	tinned, Max. clamping range : 1.5 mm ²		
Qty.	5,000 pc(s).			
Type	CSL1,6E18-16 SN I3,5	Version	Product data	Packaging
Order No.	1582350000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190033620	tinned, Max. clamping range : 1.5 mm ²		
Qty.	250 pc(s).			
Type	CSL1,6E22-20 AU,75 I1,8	Version	Product data	Packaging
Order No.	1422700000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190168667	Gold-plated, Max. clamping range : 0.5 mm ²		
Qty.	250 pc(s).			
Type	CSL1,6E22-20 SN I2,5	Version	Product data	Packaging
Order No.	1425700000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190175016	tinned, Max. clamping range : 0.5 mm ²		
Qty.	250 pc(s).			
Type	CSL1,6E26-24 SN I1,4	Version	Product data	Packaging
Order No.	1421700000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190109042	tinned, Max. clamping range : 0.25 mm ²		
Qty.	250 pc(s).			
Type	CSL1,6R22-20 AU,75 I2,5	Version	Product data	Packaging
Order No.	1565820000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – long, Gold-		Box
GTIN (EAN)	4008190130732	plated, Max. clamping range : 0.5 mm ²		
Qty.	5,000 pc(s).			
Type	CSL1,6E14-12 SN I3,5	Version	Product data	Packaging
Order No.	1429700000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190065577	tinned, Max. clamping range : 2.5 mm ²		
Qty.	250 pc(s).			
Type	CSL1,6E22-20 AU,75 I2,5	Version	Product data	Packaging
Order No.	1424700000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190143350	Gold-plated, Max. clamping range : 0.5 mm ²		
Qty.	250 pc(s).			
Type	CSL1,6E14-12 AU,75 I3,5	Version	Product data	Packaging
Order No.	1428700000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190098353	Gold-plated, Max. clamping range : 2.5 mm ²		
Qty.	250 pc(s).			
Type	CSL1,6R22-20 SN I1,8	Version	Product data	Packaging
Order No.	1565870000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – long,		Box
GTIN (EAN)	4008190086596	tinned, Max. clamping range : 0.5 mm ²		
Qty.	5,000 pc(s).			
Type	CSL1,6E22-20 SN I1,8	Version	Product data	Packaging
Order No.	1423700000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190001766	tinned, Max. clamping range : 0.5 mm ²		
Qty.	250 pc(s).			
Type	CSL1,6E18-16 SN I2,5	Version	Product data	Packaging
Order No.	1427700000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190057725	tinned, Max. clamping range : 1.5 mm ²		
Qty.	250 pc(s).			
Type	CSL1,6E14-12 AU,75 I4,2	Version	Product data	Packaging
Order No.	1582370000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190055608	Gold-plated, Max. clamping range : 2.5 mm ²		
Qty.	250 pc(s).			

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Accessories

Type	CSL1,6R14-12 SN I3,5	Version	Product data	Packaging
Order No.	1565780000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – long,		Box
GTIN (EAN)	4008190056735	tinned, Max. clamping range : 2.5 mm ²		
Qty.	4,000 pc(s).			
Type	CSL1,6R26-24 SN I1,4	Version	Product data	Packaging
Order No.	1565900000	PCB plug-in connector, Crimp contact, Reel packaged, Pin – long,		Box
GTIN (EAN)	4008190139797	tinned, Max. clamping range : 0.25 mm ²		
Qty.	5,000 pc(s).			
Type	CSL1,6E14-12 SN I4,2	Version	Product data	Packaging
Order No.	1582390000	PCB plug-in connector, Crimp contact, Individual contact, Pin – long,		Box
GTIN (EAN)	4008190166762	tinned, Max. clamping range : 2.5 mm ²		
Qty.	250 pc(s).			

Strain reliefs

**For frequent load changes: the "trailer coupling" for plug-in connectors.**

The strain relief can do more than just relieve the strain on conductors:

Simply clip onto the plug and

- bundle conductors
- guide cables
- use as a connection and disconnection aid

No damage to the connecting points, clear, tidy wiring and easy to handle.

User advantages: permanent heavy-duty connections for harsh industrial environments and convenient operation ensure improved system availability.

General ordering data

Type	RSV1,6 ZE12 BK BX	Version	Product data	Packaging
Order No.	1563300000	PCB plug-in connector, Accessories, Strain relief, black, Number of		Box
GTIN (EAN)	4008190095871	poles: 12		
Qty.	25 pc(s).			

RSV1,6 S18 GR**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****Adapters for rail mounting****Clip on and use!**

From the circuit board in the control cabinet: snap-on or mounting feet form the link between plug-in connectors and terminal rails.

Compatible with all standard sizes: TS 15 or TS 35.

Combination foot or variations available.

The quick alternative to screw connections: unbeatable ease of installation and service.

The mounting foot for the terminal rails allows the universal use of pluggable connection systems on the module, the enclosure and the control cabinet and avoids patchwork solutions.

General ordering data

Type	RSV1,6 RF12/35X7.5 SW	Version	Product data	Packaging
Order No.	1582940000	PCB plug-in connector, Accessories, Clip-in foot, black, Number of		Box
GTIN (EAN)	4008190068486	poles: 12		
Qty.	10 pc(s).			
Type	RSV1,6 RF12/35X15 SW	Version	Product data	Packaging
Order No.	1690140000	PCB plug-in connector, Accessories, Clip-in foot, black, Number of		Box
GTIN (EAN)	4008190863005	poles: 12		
Qty.	10 pc(s).			

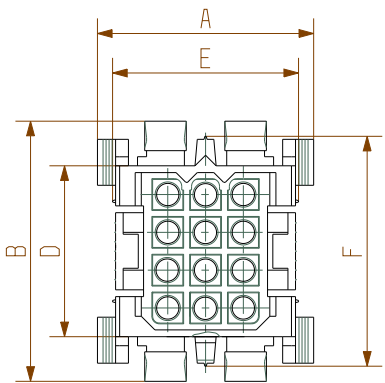
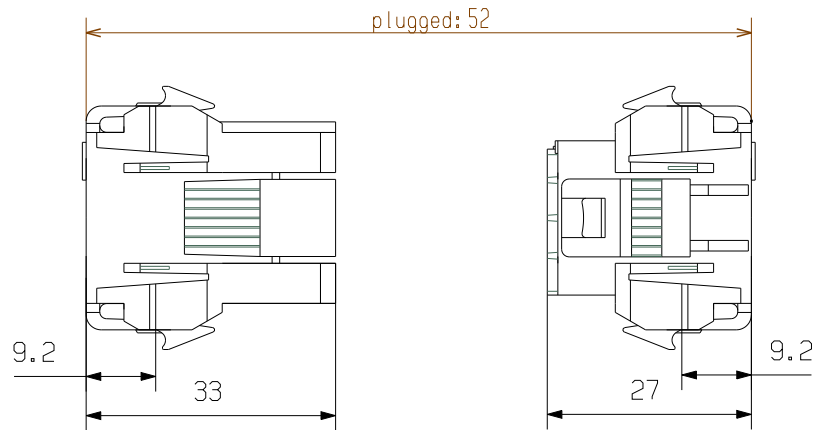
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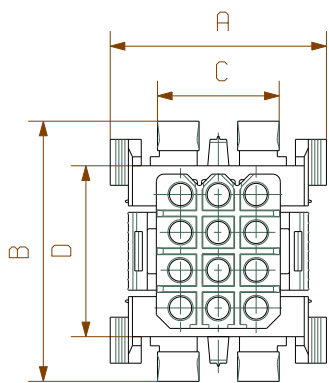
Dimensions without tolerances are no check dimensions

The English version is binding

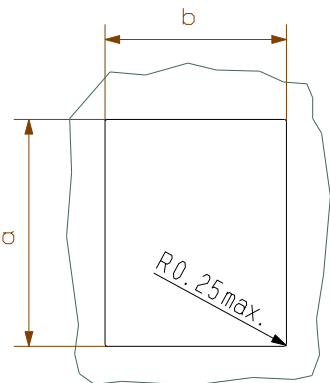
Assembly instruction:



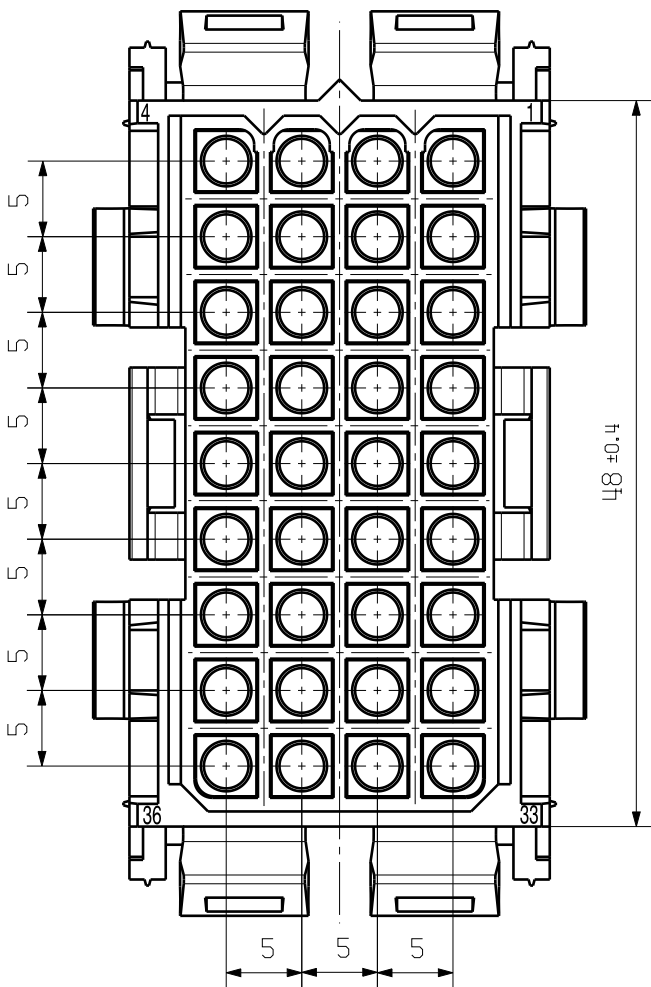
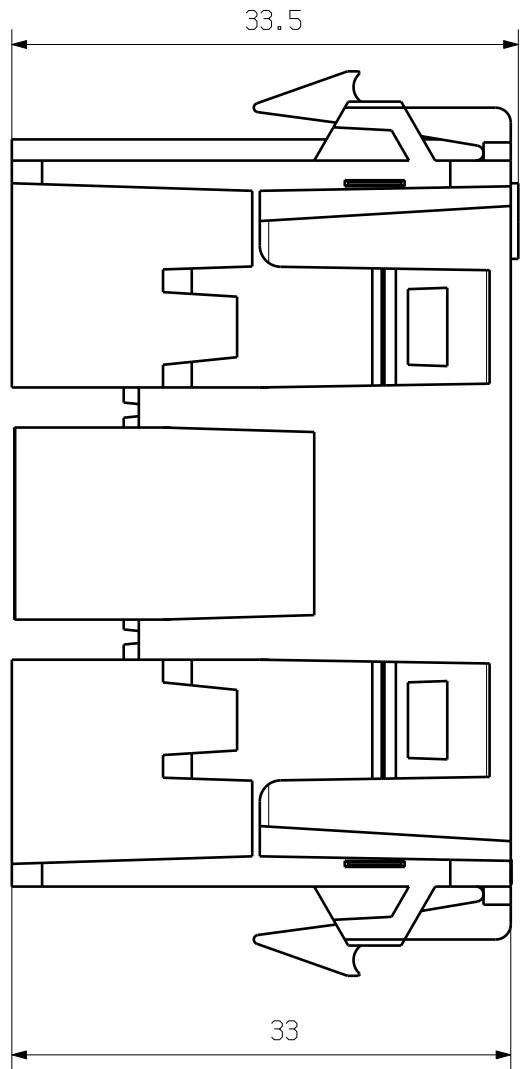
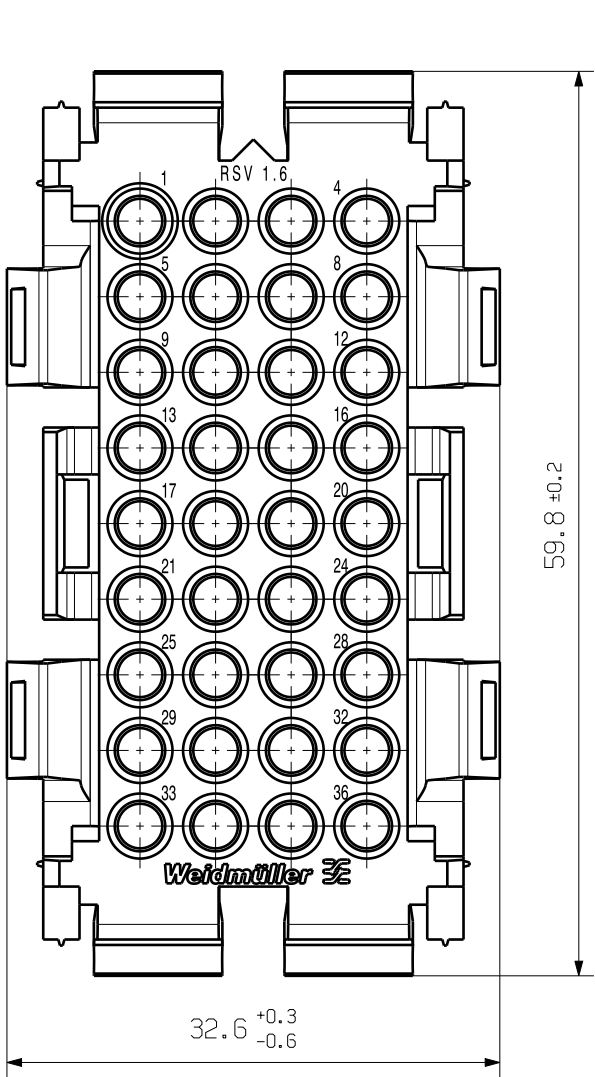
male plug



female plug

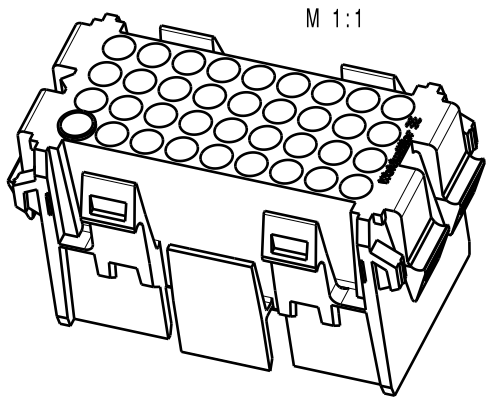


mounting cut-out
wall thickness : 1,3 - 2,3mm
recommended : 1,5 - 2,0mm



For the mounting of PCBs, it should be noted that the rated data given in the catalogue relates only to the connection elements. The necessary creepage and clearance paths must be observed in connection with the respective applicant in accordance to VDE 0110. The current-carrying capacity and pitch tolerance is to be determined according to DIN IEC 326 part 3 very fine.

Weidmueller connectors are tested to the DIN VDE 0627 standard, and are valid for its field of application. Provided that the connectors are used to the intended purpose, all requirements with respect to the occurring of electrical, mechanical, thermic and corrosive stress will be satisfied.



poles	dimension male plug / female plug					mounting cut-out	
	A	B	C	D	E	a ±0.3	b ±0.3
4	23,0	25,0	10,8	12,8	17,8	20,3	18,1
6	23,0	30,0	10,8	17,6	17,8	25,1	18,1
9	29,0	30,0	16,6	17,6	23,8	25,1	24,0
12	29,0	35,0	16,6	22,6	23,8	30,0	24,0
18	29,0	46,0	16,6	33,0	23,8	40,5	24,0
24	33,0	46,0	20,6	33,0	27,8	40,5	28,3
36	33,0	61,0	20,6	48,0	27,8	55,5	28,3

General tolerance: DIN ISO 2768-mK		94488/5 29.06.18 HELIS_MA 00		Cat.no.: 1419100000	
		Modification		Weidmüller	
		Drawn	Date	Name	
Scale: 10:1		Responsible	25.05.2011	LANG_T	
		Checked	12.07.2018	HERTEL_S	
Supersedes: .		Approved		LANG_T	
				RSV 1.6 S36 STECKERGEHAEUSE PLUG MOULDING	
				Product file: RSV 1.6 CRIMP	
				7265	