



302-SV(-DS)
302-FLW-DS

302-NSV(-DS)
302-NFLW-DS

Technical Data

Center-to-Center Spacing:

8 mm / 0.315 in

Rated Connecting Capacity: to EN 60 998

1,5 mm² / 16 AWG

Terminal Range:

With/ w/o wire protector up to 2,5 / 4 mm² solid wire

with/ w/o wire protector up to 1,5 / 2,5 mm² stranded wire

Rated Insulation Voltage: to EN 60 998

302-SV/FLW: 450 V

302-NSV/NFLW: 250 V

Rated Voltage: 400 V

to DIN VDE 0110, pollution degree 2 / II

Creepage distance 302-FLW-DS metal part-

ground: > 5 mm / 0.197 in = 380 V, pollution degree 3

302 NFLW-DS > 3,7 mm / 0.145 in = 250 V, pollution degree 3

Rated Current: 6 A

Stripping Length: 7 mm / 0.28 in

Depending on application, equipment safety regulations must be observed.



Standard Version



Low Profile Version

International Approvals



Data see page 72.

Material

Terminal Body: Nickel plated brass

Plug: Tin plated brass

Wire Protector/Spring: Tin plated copper alloy

Wire protector plug: Copper alloy

Screw: M 2,6;

⊕ max. 0,4 Nm/3.5 lb-in.

Further details

see General Description page 20.

Description

These right-angle connectors are designed for special wiring applications. The socket block features a new type of contact spring; together with the wire protector, it forms a unit for reliable connection with low insertion and withdrawal forces and contact resistances.

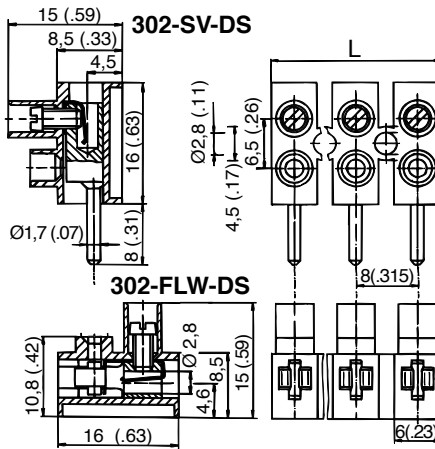
The funnel-shaped entry bush ensures optimal guidance of the contact pin.

The popular plug connector 302-SV(DS) is used as a mating component.

As "N" version, this right-angle connector combination has a 3 mm lower housing with correspondingly reduced clearance and creepage distance.

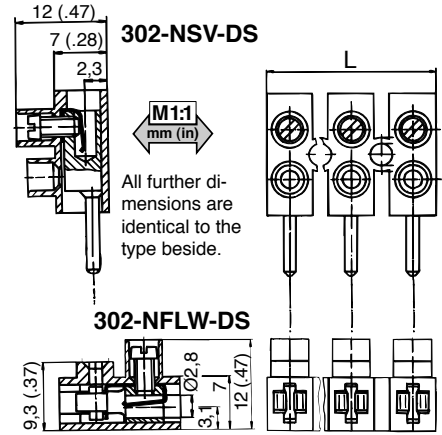
Options

☒ Marking strips and -labels, see page 29.



Length (L):

Pole	mm	in	5	39,00	1.54	9	71,00	2.80
2	15,00	0.59	6	47,00	1.85	10	79,00	3.11
3	23,00	0.91	7	55,00	2.17	11	87,00	3.43
4	31,00	1.22	8	63,00	2.48	12	94,00	3.70



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Order Table

Wire protection: with → -DS w/o: No entry

Poles: 02 to 12

Plug connector

302-SV /

Type-Designation

Socket connector

302-FLW-DS /

Type-Designation

Poles: 02 to 12

Order Table

Wire protection: with → -DS w/o: No entry

Poles: 02 to 12

Plug connector

302-NSV /

Type-Designation

Socket connector

302-NFLW-DS /

Type-Designation

Poles: 02 to 12