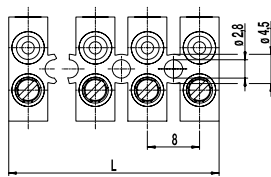
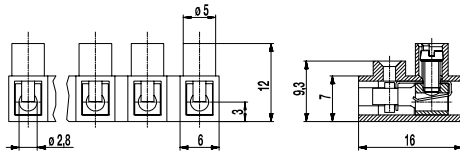


302-NFLW-DS

Plug-in terminal strip

Screw connection & socket with clamping spring, low profile version



The plug-in terminal strip 302-NFLW-DS, low version, is available in 8 mm pitch with 2 to 12 poles.

It has one screw connection per pole and one vertical plug connection to a terminal strip with pins.

Contact spring and wire protector form one unit and offers good connection performance for applications requiring small plugging and pulling forces and low contact resistance. The wire protection reliably prevents damage to flexible wires by the turning screw.

The funnel-shaped insertion bushings guarantee perfect pin guidance and optimum contact protection.

The "N"-variant only differs from the standard 302-FLW-DS version by the 12 mm overall height (i.e. the moulding height is 3 mm lower). This allows for a more compact angular plug connection to the 302-NSV terminal strip. Note the shortened clearance and creepage distances.

Plug-in terminal strip 302-NSLW creates a plug connection with wire entrances located parallel on top of each other which requires relatively little mounting space. That is why tensile forces on the wires have no direct effect on the contact performance.

This arrangement does not allow for the connection of an earth lead.

Part Numbers

No. of poles	302-NFLW-DS	Length	PU
2	32.820.038	15,00	250
3	33.820.038	23,00	250
4	34.820.038	31,00	200
5	35.820.038	39,00	100
6	36.820.038	47,00	80
7	37.820.038	55,00	80
8	38.820.038	63,00	80
9	39.820.038	71,00	60
10	40.820.038	79,00	50
11	41.820.038	87,00	50
12	42.820.038	94,00	40

General Information

Pitch	8 mm
No. of poles	2 - 12
Usable with	302-NSV(-DS), 302-NSLW(-HDS)
Areas of application	This plug connector is well suited for applications that require to easily open and close not energised circuits.



Technical Data

Clamping Range	solid / flexible / AWG 0,75 - 2,5 mm ² / 0,75 - 1,5 mm ² / 18 - 16 AWG		
Rated Cross Section	1,5 mm ²		
Wire Stripping Length	7 mm ± 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	250 V	320 V	630 V
Rated Impulse Voltage	4 kV	4 kV	4 kV
Rated Insulation Voltage	250 V acc. to EN 60998-1		
Rated Current	6 A		
Torque	0,4 Nm		
Other specifications	Rated values apply to use in combination with 302-NSLW(-HDS).		

Material

Moulding	PA, natural, V-2
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Terminal Body	Nickel plated brass
Screw	M2,6; zinc plated steel, blue passivated
Wire protector	Tin plated tin bronze
Spring	Tin plated tin bronze

Approvals

	Current [A]	Voltage [V]	Group	AWG	[Nm]
	10	300	B,D	22 - 14	0,4
	10	300	B,D,E	26 - 14	0,4

Options / Accessories

- Marking options on the screw guides
- Jumper 302-J