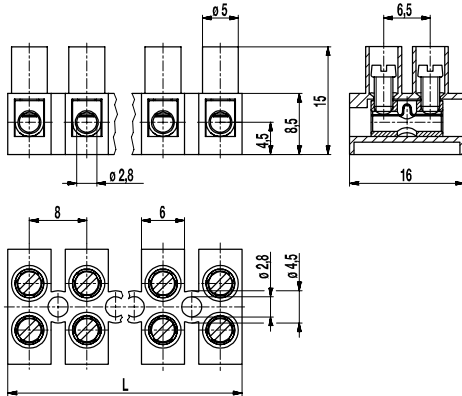
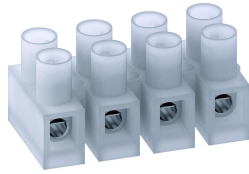


# 302(-HDS)

Socket terminal strip  
Screw connection



The socket terminal strip 302 is one of our smallest socket terminal strips. It is available in 8 mm pitch with 1- to 12-pole design and can be easily cut to the desired number of poles.

The flexible polyamide moulding can even be mounted on curved surfaces.

The wire protector of the "HDS"-version reliably prevents damage to multi-wire flexible conductors by the turning screw.

### Part Numbers

No. of poles	302	302-HDS	Length	PU
1	11.820.007	31.820.008	7,00	5000
2	12.820.007	32.820.008	15,00	2000
3	13.820.007	33.820.008	23,00	1000
4	14.820.007	34.820.008	31,00	1000
5	15.820.007	35.820.008	39,00	1000
6	16.820.007	36.820.008	47,00	100
7	17.820.007	37.820.008	55,00	70
8	18.820.007	38.820.008	63,00	70
9	19.820.007	39.820.008	71,00	60
10	20.820.007	40.820.008	79,00	50
11	21.820.007	41.820.008	87,00	50
12	22.820.007	42.820.008	94,00	50

further number of poles on request

### Part Numbers: "no flame" acc. to glow-wire test

No. of poles	302	302-HDS	Length	PU
1		31.820.051.EN6	7,00	5000
2	12.820.051.EN6	32.820.051.EN6	15,00	2000
3		33.820.051.EN6	23,00	1000
4		34.820.051.EN6	31,00	1000
6		36.820.051.EN6	47,00	100
8		38.820.051.EN6	63,00	70
9		39.820.051.EN6	71,00	60
12	22.820.051.EN6	42.820.051.EN6	94,00	50

further number of poles on request

### General Information

Pitch	8 mm
No. of poles	1 - 12
Areas of application	For lighting applications and similar electrical equipment.

### Technical Data

Clamping Range	solid / flexible / AWG		
without wire protector	0,5 - 4 mm <sup>2</sup> / 0,5 - 2,5 mm <sup>2</sup> / 20 - 12 AWG		
with wire protector	0,34 - 2,5 mm <sup>2</sup> / 0,34 - 2,5 mm <sup>2</sup> / 22 - 14 AWG		
Rated Cross Section	1,5 mm <sup>2</sup>		
Wire Stripping Length	5 mm ± 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	320 V	320 V	630 V
Rated Impulse Voltage	4 kV	4 kV	4 kV
Rated Insulation Voltage	450 V acc. to EN 60998-1		
Rated Current	17,5 A		
Torque	0,4 Nm		

### Material

Moulding	PA, natural, V-2 (PA, white, V-0) Details in brackets for "no flame" products
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	Stainless steel strip

### Approvals

	Current [A]	Voltage [V]	Group	AWG	[Nm]
	20	300	B	20 - 12	0,4
	10	300	D	20 - 12	0,4
	20	300	B	26 - 12	0,4 [1]
	10	300	D,E	26 - 12	0,4 [1]
		Current [A]	Voltage [V]	[mm <sup>2</sup> ]	
	17,5	450	1,5		

[1] 302-HDS: 26 - 14 AWG

### Options / Accessories

- Marking options on the screw guides
- Marking strips BST-302
- Jumpers 302-J
- Screws made out of brass
- With pegs at the base for saving assembly time
- Up to 26 poles possible
- Socket with blind hole