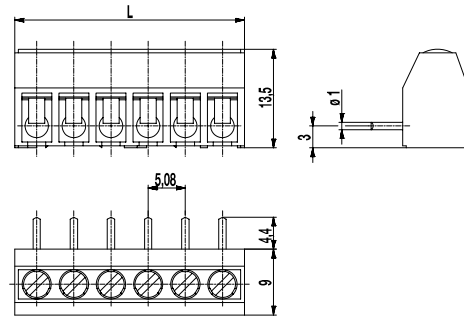
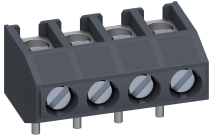


# 961(-DS)

PCB connector

Screw connection, wire entrance vertical to PCB



## GENERAL INFORMATION

Pitch	5,08 mm
No. of poles	2 - 32

## TECHNICAL DATA

Clamping Range	<i>solid / stranded / AWG</i>		
<i>without wire protector</i>	1 - 6 mm <sup>2</sup> / 1 - 2,5 mm <sup>2</sup> / 16 - 12 AWG		
<i>with wire protector</i>	0,75 - 4 mm <sup>2</sup> / 0,75 - 2,5 mm <sup>2</sup> / 18 - 12 AWG		
Rated Cross Section	2,5 mm <sup>2</sup>		
Wire Stripping Length	5,5 mm ± 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	250 V	320 V	630 V (500 V)
Rated Impulse Voltage	4 kV	4 kV	4 kV
Rated Insulation Voltage	250 V acc. to EN 60998-1		
Rated Current	24 A		
Hole in PCB	ø 1,3 mm		
Torque	0,5 Nm		
Other specifications	Voltage data in brackets are valid for 9-32 poles types. 2-8 poles types: "no-flame" acc. to glow-wire test.		

## APPROVALS

	Current [A]	Voltage [V]	Group	AWG	[Nm]
	20	300	B	22-12 [1]	0,51
	10	300	D	22-12 [1]	0,51
	20	300	B	26 - 12	0,51
	10	300	D, E	26 - 12	0,51

[1] Min No. 26 AWG for factory-wiring only

## CONFIGURATIONS

Poles	Item	Article number	Item	Article number	Length (L)	Packaging	PU
2	961/02	10.878.102	961-DS/02	20.878.102	11,16 mm	Box	250
3	961/03	10.878.103	961-DS/03	20.878.103	16,24 mm	Box	250
4	961/04	10.878.104	961-DS/04	20.878.104	21,32 mm	Box	200
5	961/05	10.878.105	961-DS/05	20.878.105	26,40 mm	Box	100
6	961/06	10.878.106	961-DS/06	20.878.106	31,48 mm	Box	100
7	961/07	10.878.107	961-DS/07	20.878.107	36,56 mm	Box	100
8	961/08	10.878.108	961-DS/08	20.878.108	41,64 mm	Box	100
9	961/09	10.878.109	961-DS/09	20.878.109	46,72 mm	Box	100
10	961/10	10.878.110	961-DS/10	20.878.110	51,80 mm	Box	100
11	961/11	10.878.111	961-DS/11	20.878.111	56,88 mm	Box	100
12	961/12	10.878.112	961-DS/12	20.878.112	61,96 mm	Box	100

further number of poles on request



## MATERIAL

Moulding	PA, grey, V-0
Comparative Tracking Index	2-8 poles: CTI ≥ 600; 9-32 poles: CTI 400
Insulating Group	2-8 poles: I; 9-32 poles: II
Temperature Range	-40°C up to 100°C
Terminal body	Tin plated brass
Screw	M3; zinc plated steel, blue passivated
Solder pin	ø 1 mm; tin plated brass
Wire protector	Tin plated tin bronze

## OPTIONS / ACCESSORIES

- Marking according to customer requirement
- Self-adhesive marking strip BST-5,08
- Version with extended wire entrance
- Double wire protector as bridge