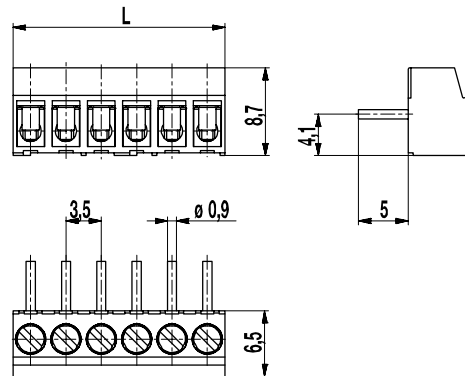
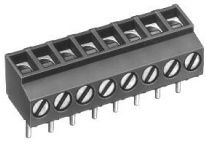


931(-DS)

PCB connector

Screw connection, wire entrance vertical to PCB



GENERAL INFORMATION

Pitch	3,5 mm
No. of poles	2 - 24

TECHNICAL DATA

Clamping Range	<i>solid / stranded / AWG</i>		
<i>without wire protector</i>	0,75 - 1,5 mm ² / 0,75 - 1,5 mm ² / 18 - 16 AWG		
<i>with wire protector</i>	0,34 - 1,5 mm ² / 0,34 - 1 mm ² / 22 - 16 AWG		
Rated Cross Section	1 mm ²		
Wire Stripping Length	5 mm ± 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	160 V	160 V	320 V
Rated Impulse Voltage	2,5 kV	2,5 kV	2,5 kV
Rated Insulation Voltage	130 V acc. to EN 60998-1		
Rated Current	13,5 A		
Hole in PCB	ø 1,2 mm		
Torque	0,2 Nm		

APPROVALS

	Current [A]	Voltage [V]	Group	AWG	[Nm]
	10	300	B	26 - 16	0,23
	10	300	B	26 - 16	0,2

MATERIAL

Moulding	PA, grey, V-0
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Terminal body	Tin plated brass
Screw	M2; zinc plated steel, blue passivated
Solder pin	ø 0,9 mm; tin plated brass
Wire protector	German silver

OPTIONS / ACCESSORIES

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-3,50
- Pitch of 7 mm for larger clearance and creepage distances

CONFIGURATIONS

Poles	Part number	Article number	Part number	Article number	Length (L)	Packaging	PU
2	931/02	10.870.502	931-DS/02	20.870.502	7,00 mm	Box	250
3	931/03	10.870.503	931-DS/03	20.870.503	10,50 mm	Box	250
4	931/04	10.870.504	931-DS/04	20.870.504	14,00 mm	Box	250
5	931/05	10.870.505	931-DS/05	20.870.505	17,50 mm	Box	200
6	931/06	10.870.506	931-DS/06	20.870.506	21,00 mm	Box	200

