

971-TX..(-DS)

PCB connector

Screw connection, wire entrance vertical to PCB, 2 to 4 screw connections at only one pole, interlocking



GENERAL INFORMATION

Pitch	5 mm
No. of poles	1

TECHNICAL DATA

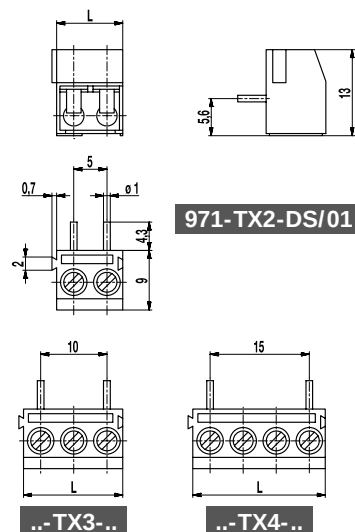
Clamping Range	<i>solid / stranded / AWG</i>		
<i>without wire protector</i>	1 - 6 mm ² / 1 - 2,5 mm ² / 16 - 12 AWG		
<i>with wire protector</i>	0,75 - 4 mm ² / 0,75 - 2,5 mm ² / 18 - 12 AWG		
Rated Cross Section	2,5 mm ²		
Wire Stripping Length	6,5 mm ± 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	250 V	320 V	630 V
Rated Impulse Voltage	4 kV	4 kV	4 kV
Rated Current	24 A		
Hole in PCB	ø 1,3 mm		
Torque	0,5 Nm		

APPROVALS

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

CONFIGURATIONS

Poles	Item	Article number	Item	Article number	Length (L)	Packaging	PU
2	971-TX2/01	10.872.692	971-TX2-DS/01	20.872.692	10,00 mm	Box	250
3	971-TX3/01	10.872.693	971-TX3-DS/01	20.872.693	15,00 mm	Box	250
4	971-TX4/01	10.872.694	971-TX4-DS/01	20.872.694	20,00 mm	Box	200



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	M3; zinc plated steel, blue passivated
Solder pin	ø 1 mm; tin plated copper
Wire protector	Tin plated tin bronze

OPTIONS / ACCESSORIES

- Marking according to customer requirement
- Self-adhesive marking strip BST-5,00
- Other solder pin lengths on request
- Solder pins with different lengths
- Other position of solder pins
- Version with extended wire entrance