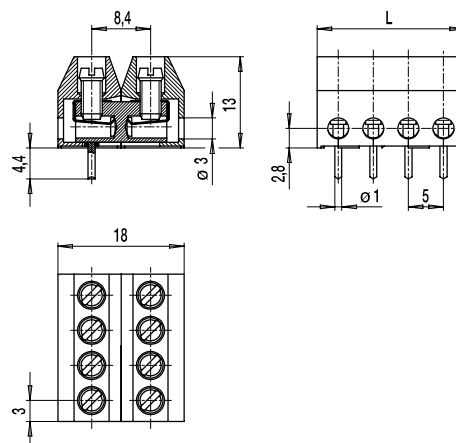


971-DOPG(-DS)

PCB connector

Screw connection, 2 clamping units per pole



GENERAL INFORMATION

Pitch	5 mm
No. of poles	2 - 8

TECHNICAL DATA

Clamping Range	<i>solid / stranded / AWG</i>		
<i>without wire protector</i>	1 - 1,5 mm ² / 1 - 1,5 mm ² / 16 AWG		
<i>with wire protector</i>	0,75 - 1,5 mm ² / 0,75 - 1,5 mm ² / 18 - 16 AWG		
Rated Cross Section	1,5 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 Insulation Voltage	250 V acc. to EN 60998-1		
Rated Current	17,5 A		
Hole in PCB	ø 1,3 mm		
Torque	0,5 Nm		

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

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

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-5,00
- Pitch of 5,08 mm or 7,5 mm for larger clearance and creepage distances
- Other solder pin lengths on request
- Available without or with two solder pins
- Double clamping units to be combined with single clamping units
- 1 pole version with 4 clamping units (971-DOPG-TX2) on request

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

CONFIGURATIONS

Poles	Part number	Article number	Part number	Article number	Length (L)	Packaging	PU
2	971-DOPG/02	84.872.102	971-DOPG-DS/02	94.872.102	11,00 mm	Box	100
3	971-DOPG/03	84.872.103	971-DOPG-DS/03	94.872.103	16,00 mm	Box	100
4	971-DOPG/04	84.872.104	971-DOPG-DS/04	94.872.104	21,00 mm	Box	300
5	971-DOPG/05	84.872.105	971-DOPG-DS/05	94.872.105	26,00 mm	Box	50
6	971-DOPG/06	84.872.106	971-DOPG-DS/06	94.872.106	31,00 mm	Box	50

further number of poles on request

