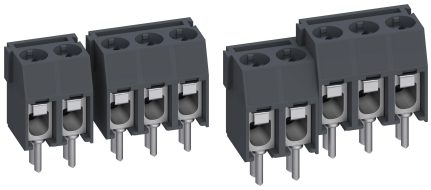
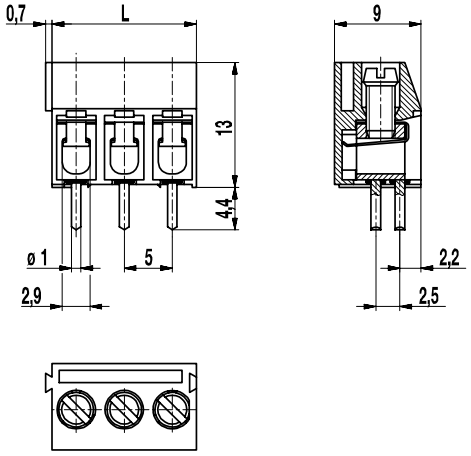
978-TY(-DS)

PCB connector

Screw connection, 2 solder pins per pole, interlocking, large conductor space





GENERAL INFORMATION

Pitch	5 mm
No. of poles	2 + 3

TECHNICAL DATA

Clamping Range	*solid / stranded / AWG*		
without wire protector	0,75 - 6 mm² / 0,75 - 4 mm² / 18 - 10 AWG		
with wire protector	0,34 - 6 mm² / 0,34 - 4 mm² / 22 - 10 AWG		
Rated Cross Section	2,5 mm²		
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	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
	Current [A]	Voltage [V]	mm²		
	24	250	4 [2]		

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

[2] Acc. to IEC 60947-7-4 und IEC 60947-1

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
- Longer solder pins up to 95 mm
- Version with extended wire entrance
- Double wire protector as bridge

CONFIGURATIONS

Poles	Item	Article number	Item	Article number	Length (L)	Packaging	PU
2	978-TY/02	30.872.622	978-TY-DS/02	40.872.622	10,00 mm	Box	250
3	978-TY/03	30.872.623	978-TY-DS/03	40.872.623	15,00 mm	Box	250

RoHS COMPLIANT

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