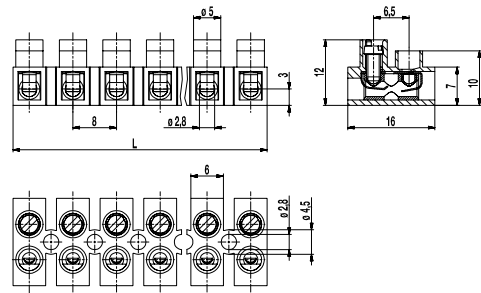


302-NFB(-DS)

Plug-in terminal strip

Screw connection & socket with clamping spring, low profile version



GENERAL INFORMATION

Pitch	8 mm
No. of poles	2 - 12
Usable with	302-NSV(-DS)
Areas of application	This plug connector is well suited for applications that require to easily open and close not energised circuits.

TECHNICAL DATA

Clamping Range	<i>solid / stranded / AWG</i>		
without wire protector	0,5 - 4 mm ² / 0,5 - 2,5 mm ² / 20 - 12 AWG		
with wire protector	0,34 - 2,5 mm ² / 0,34 - 1,5 mm ² / 22 - 14 AWG		
Rated Cross Section	1,5 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 (40V)	160 V (100V)	320 V (160V)
Rated Impulse Voltage	2,5 kV (1,5kV)	2,5 kV (1,5kV)	2,5 kV (1,5kV)
Rated Insulation Voltage	250 V acc. to EN 60998-1		
Rated Current	6 A		
Torque	0,4 Nm		
Other specifications	Rated values apply to use in combination with 302-NSV(-DS). Values in parentheses apply to use without insulated substrates.		

APPROVALS

	Current [A]	Voltage [V]	Group	AWG	[Nm]
	10	300	B,D	22 - 14	0,4 [2]
	6	300	B,D,E	26 - 12	0,4 [1] [2]

CONFIGURATIONS

Version	Poles	Item	Article number	Item	Article number	Length (L)	PU
Standard	2	302-NFB/02	12.820.045	302-NFB-DS/02	52.820.045	15,00 mm	250
Standard	3	302-NFB/03	13.820.045	302-NFB-DS/03	53.820.045	23,00 mm	250
Standard	4	302-NFB/04	14.820.045	302-NFB-DS/04	54.820.045	31,00 mm	200
Standard	5	302-NFB/05	15.820.045	302-NFB-DS/05	55.820.045	39,00 mm	100
Standard	6	302-NFB/06	16.820.045	302-NFB-DS/06	56.820.045	47,00 mm	80
Standard	7	302-NFB/07	17.820.045	302-NFB-DS/07	57.820.045	55,00 mm	80
Standard	8	302-NFB/08	18.820.045	302-NFB-DS/08	58.820.045	63,00 mm	80
Standard	9	302-NFB/09	19.820.045	302-NFB-DS/09	59.820.045	71,00 mm	60
Standard	10	302-NFB/10	20.820.045	302-NFB-DS/10	60.820.045	79,00 mm	50
Standard	11	302-NFB/11	21.820.045	302-NFB-DS/11	61.820.045	87,00 mm	50
Standard	12	302-NFB/12	22.820.045	302-NFB-DS/12	62.820.045	94,00 mm	40

MATERIAL

Moulding	PA, natural, V-2
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Terminal body	Nickel plated brass
Screw	M2,6; zinc plated steel, blue passivated
Wire protector	Tin plated tin bronze
Spring	Stainless steel strip

OPTIONS / ACCESSORIES

- Marking options on the screw guides
- Jumper 302-J

[1] for 302-NFB-DS: 26 - 14 AWG

[2] For mounting on a suitable insulated surface, spacer or similar means

