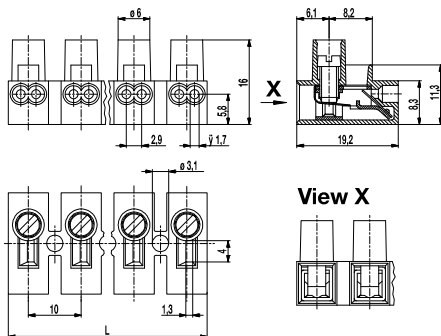
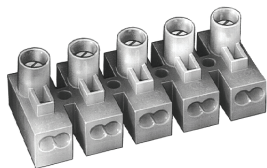


## Screw / Screwless Terminal Strips 820(-DS)

Screw / screwless connection



These terminal blocks are provided with double push-in connectors at one side. Here, the stripped conductor is inserted up to the top of the terminal, where it is then clamped by the steel spring.

These Terminal blocks are especially well suited for solid wires.

The opposite side is equipped with screw connectors with rectangular clamping areas.

The captive screws are backed-out and ready for wiring.

The DS-types have a wire protector to prevent damage to the wire by the turning screw.

### Part Numbers

No. of poles	820	820-DS	Length	Pcs
1	11.815.202	31.815.202	8,50	4000
2	12.815.202	32.815.202	18,50	2000
3	13.815.202	33.815.202	28,50	1000
4	14.815.202	34.815.202	38,50	800
5	15.815.202	35.815.202	48,50	500
6	16.815.202	36.815.202	58,50	200
7	17.815.202	37.815.202	68,50	200
8	18.815.202	38.815.202	78,50	100
9	19.815.202	39.815.202	88,50	100
10	20.815.202	40.815.202	98,50	50
11	21.815.202	41.815.202	108,50	50
12	22.815.202	42.815.202	117,50	50

### Part Numbers: "no flame" acc. to glow-wire test

No. of poles	820	820-DS	Length	Pcs
2		32.815.202.EN6	18,50	2000
3		33.815.202.EN6	28,50	1000
4		34.815.202.EN6	38,50	800
6		36.815.202.EN6	58,50	200
7		37.815.202.EN6	68,50	200
8		38.815.202.EN6	78,50	100
12		42.815.202.EN6	117,50	50

further number of poles on request

### General Information

Pitch	10 mm
No. of poles	1 - 12
Areas of application	Terminal block for quickconnection of solid wires.
Additional Information	With flat base.

### Technical Data

Clamping Range	<i>solid / flexible / AWG</i>		
	0,75 - 1,5 mm <sup>2</sup> / - / 18 - 16 AWG (1)		
<i>without wire protector</i>	0,75 - 4 mm <sup>2</sup> / 0,75 - 2,5 mm <sup>2</sup> / 18 - 14 AWG (2)		
<i>with wire protector</i>	0,75 - 4 mm <sup>2</sup> / 0,75 - 2,5 mm <sup>2</sup> / 18 - 14 AWG (2)		
Rated Cross Section	(1) 1,5 mm <sup>2</sup> / (2): 2,5 mm <sup>2</sup>		
Wire Stripping Length	7 mm		
Overvoltage Category	3	2	2
Pollution Severity Level	III	III	II
Rated Voltage	320 V	320 V	630 V
Rated Impulse Voltage	4 kV	4 kV	4 kV
Rated Insulation Voltage	450 V acc. to EN 60998-1		
Rated Current	(1) 17,5 A / (2) 24 A		
Torque	0,8 Nm		
Other specifications	(1) plug connector / (2) screw connector, without DS flexible wire only with cable end sleeve		

### Material

Moulding	PA, natural, V-2 (PA, natural, V-0) details in braquets for "no flame" products
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 80°C
Terminal Body	Tin plated brass
Screw	M 3,5; zinc plated steel, blue passivated
Wire protector	Stainless steel strip
Spring	Stainless steel strip

### Approvals

	Current	Voltage	Group	AWG	Nm
	10	300	B	16 - 10	0,51 (3)
	10	150	C	16 - 10	0,51 (3)
	10	300	B,D	20 - 10	0,51 (3)
	10	150	C	20 - 10	0,51 (3)
	Current	Voltage	mm <sup>2</sup>		
	24	450	2,5/1,5		

(3) spring side 18 - 16 solid

### Options / Accessories

- Special marking accord. drawing
- with dovetail base have a look at serie 821