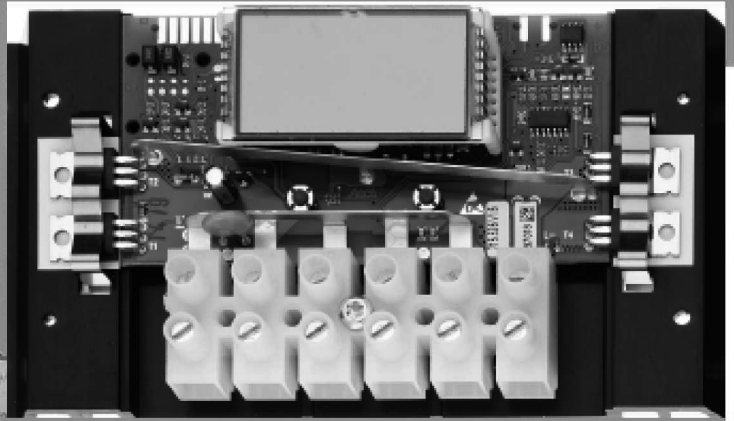
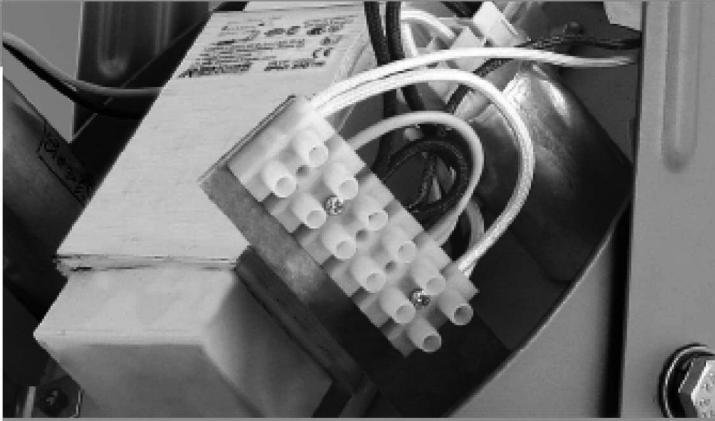


Screw Connectors Technical Information



Screw Connectors

Applicable Standards

- EN 60998
Connecting devices for low-voltage circuits
- EN 60598
Luminaires – general requirements and tests
- EN 60335-1
Safety of household and similar electrical appliances
- EN 60127-6
Fuse holders for miniature fuse links

Current Rating

	EN 60598	EN 60998	EN 60127-6
230	16 A	24 A at T 85 °C	
500	16 A	24 A at T 85 °C	
1000	25 A	41 A at T 85 °C	
1500	32 A	57 A at T 85 °C	
2000	40 A	76 A at T 85 °C	
fuse holders 503 Si			10 A at T 70 °C
fuse holders 1003 Si			16 A at T 70 °C

Plastic Material



- polyamide 6 and polyamide 6/6
- flammability rating to UL 94: V-2
- continuous working temperature 100 °C, short-time temperature 160 °C

Metal

- contacts: brass, plated
- clamping screws: steel, zinc plated, chromed
- wire protectors and fuse springs: spring steel

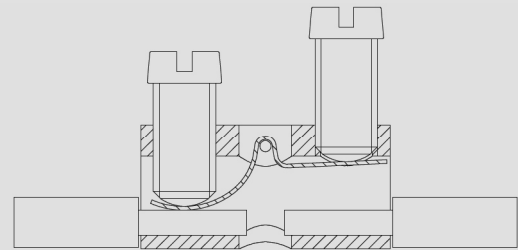
Important Approvals

For current approvals, please see the relative data sheets of each item on our website.

Approvals	Nominal Cross Section	Voltage Rating
	2.5 – 16.0 mm ²	400 V – 750 V
	22 AWG – 6 AWG	150 V – 600 V

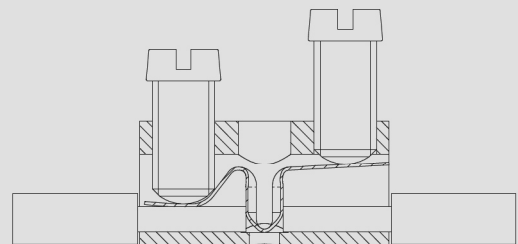
Wire Protectors (DS)

When using fine-strand conductors (without ferrules) a safe contact can only be achieved by using a connector with a wire protector, that the screw presses onto when clamping the conductor. This prevents the copper strands from being damaged.

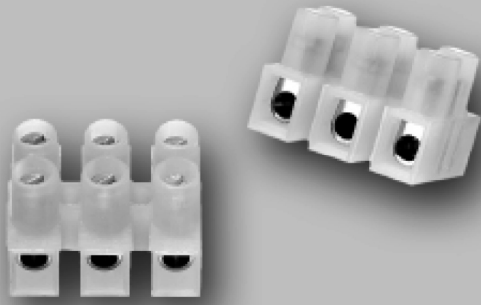


Centre Stop (MDS)

As an additional option for more safety, Adels-Contact also provides screw connectors with a centre stop, which prevents both conductors from being inserted too far and guarantees precise clamping.

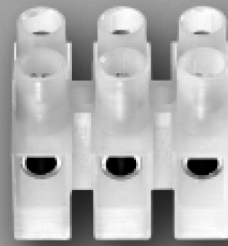


Europa Series Terminal Blocks



230

Connection: conductor size 0.5 - 2.5 mm² (with wire protector)
 conductor size 0.5 - 4.0 mm² (without wire protector)
Fixing: by screw or rivet size Ø 2.8 mm
Torque screw: M3: ⌀ max. 0.5 Nm
Stripping length: 5 - 5.5 mm
Important approvals: VDE, UL
Accessories: marking labels (page 82), strain reliefs (page 81)
Upon request: 7 - 11 pole, printing, different polyamides (in particular glow wire according to EN 60335-1 and PA 6.6 HT for high temperatures), different screws



230 K with Raised Base

Connection: conductor size 0.5 - 2.5 mm² (with wire protector)
 conductor size 0.5 - 4.0 mm² (without wire protector)
Fixing: by screw or rivet size Ø 2.8 mm
Torque screw: M3: ⌀ max. 0.5 Nm
Stripping length: 5 - 5.5 mm
Important approvals: VDE, UL
Accessories: marking labels (page 82), strain reliefs (page 81)
Upon request: 7 - 11 pole, printing, different polyamides (in particular glow wire to EN 60335-1), different screws

Description	Item	Order Number	PU	Description	Item	Order Number	PU
with Wire Protectors				with Wire Protectors			
1 pole	230/ 1 DS	121301	1000	1 pole	230 K/ 1 DS	121701	1000
2 pole	230/ 2 DS	121302	3000	2 pole	230 K/ 2 DS	121702	2000
3 pole	230/ 3 DS	121303	2000	3 pole	230 K/ 3 DS	121703	1500
4 pole	230/ 4 DS	121304	500	4 pole	230 K/ 4 DS	121704	500
5 pole	230/ 5 DS	121305	500	5 pole	230 K/ 5 DS	121705	500
6 pole	230/ 6 DS	121306	500	6 pole	230 K/ 6 DS	121706	500
12 pole	230/12 DS	121312	50	12 pole	230 K/12 DS	121712	40
without Wire Protectors				without Wire Protectors			
1 pole	230/ 1	121201	1000	1 pole	230 K/ 1	121601	1000
2 pole	230/ 2	121202	3000	2 pole	230 K/ 2	121602	2000
3 pole	230/ 3	121203	2000	3 pole	230 K/ 3	121603	1500
4 pole	230/ 4	121204	500	4 pole	230 K/ 4	121604	500
5 pole	230/ 5	121205	500	5 pole	230 K/ 5	121605	500
6 pole	230/ 6	121206	500	6 pole	230 K/ 6	121606	500
12 pole	230/12	121212	50	12 pole	230 K/12	121612	40

