



Europa Series Terminal Blocks

500-31 DS - Conductor size 2.5 mm², fixing hole 3.1 mm

Approvals Click for Approvals (PDF)					
Nominal cross-section mm²	2,5	2,5	22-10 AWG 30 amp.	24-12 AWG 25 amp.	
Voltage rating V	450	450	150/250	300	

Technical data

Connection	screw conductor size 0.5 - 2.5 mm ²
Fixing	by screw or rivet size Ø 3.1 mm
Mouldings	polyamide 6, natural flammability rating to UL 94: V-2 continuous working temperature 100 °C short-time temperature 160 °C
Contacts	brass, plated
Screws	M3; ⚙ Tightening torque 0.5 Nm steel, zinc plated, chromed
Wire protectors	stainless spring steel
Current rating	to EN 60598: 16 A at T 85 °C to EN 60998: 24 A at T 85 °C
Stripping length	7 - 7.5 mm



Order info

Description	Item	Order No.	PU
1 pole	500/ 1 31 DS	122301	500
2 pole	500/ 2 31 DS	122302	1100
3 pole	500/ 3 31 DS	122303	1000
4 pole	500/ 4 31 DS	122304	500
5 pole	500/ 5 31 DS	122305	500
6 pole	500/ 6 31 DS	122306	500
12 pole	500/12 31 DS	122312	50

Variants

500-35 DS	Conductor size 2,5 mm ² , fixing hole 3.5 mm
500 K 35 DS	Conductor size 2.5 mm ² , fixing hole 3.5 mm, raised base
500 RZ DS	Conductor size 2.5 mm ² , catch pin fixing
500 LRZ DS	Conductor size 2.5 mm ² , elongated catch pins
500-31 MDS	Conductor size 2.5 mm ² , fixing hole 3.1 mm
500-35 MDS	Conductor size 2,5 mm ² , fixing hole 3,5 mm

500 K 35 MDS	Conductor size 2.5 mm ² , fixing hole 3.5 mm, raised base
500 RZ MDS	Conductor size 2.5 mm ² , catch pin fixing
500 LRZ MDS	Conductor size 2.5 mm ² , elongated catch pins

Accessories

500 ZEL	screwable cable clip for types 500 for strain relief
500 BZ	Marking labels for types 500 (printed or unprinted)
ABK 405	Covers for types 500 as finger safety guard
LCB 50	Connecting box to entirely shield 2 and 3 pole connectors type 500
ZEL 110	universal, screwless strain relief clamp

Upon request

7 - 11 pole, center stop MDS, printing, different polyamides (in particular glow wire to EN 60335-1 and PA 6.6 HT for high temperatures), different screws