



Datasheet for part number CA3108E28-10SB01

Our Catalog Part Number: CA3108E28-10S-B-01
Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA BAYONET

Product Datasheet	
Bayonet	Connector with bayonet coupling
Shell Style	Plug, 90°
Endbell Style	Endbell with clamp and bushing
Gender	Socket
Shell Size	28
Contact Arrangement	28-10
Number of contacts	2 contacts size 160, 2 contacts size 100, 3 contacts size 25
Contact Type	Metric Crimp
Contact Plating	Hard silver
Shielding	no
Contact Rating at +20 °C (68 °F) (Size 25/12)	41 A
Contact Rating at +20 °C (68 °F) (Size 60/100/8)	74 A
Contact Rating at +20 °C (68 °F) (Size 160/4)	135 A
Contact Resistance (Size 25/12)	3 mΩ
Contact Resistance (Size 60/100/8)	1 mΩ
Contact Resistance (Size 160/4)	0,5 mΩ
Wire Cross Section	16 mm <sup>2</sup> (Size 160), 10 mm <sup>2</sup> (Size 100), 2,0-3,0 mm <sup>2</sup> (Size 25)
Operating Voltage	In case of voltages greater than 50V the connector must be used in accordance with DIN VDE part 410, IEC 60364-4-41.
Insulator Resistance	Acc. To VG95319, part 2, test no. 5.12 and VG95210, part 32, test conditions B, standard insulator material > 1000 MΩ
Test Voltage	2000 Vrms
Air and Creepage Paths (Min)	1,1 mm
Ambient Temperature	Standard insulator material -55°/+125°C (-67/257°F)
Safety Provisions	IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)
Salt Spray Resistance	500 hours salt spray resistant
Mating Cycles	500 min
Sep. Force per Contact (Size 25/12)	1,5 N
Sep. Force per Contact (Size 60/100/8)	3,0 N
Sep. Force per Contact (Size 160/4)	4,0 N
Gauge	For infos on Gauge please see catalog VG95234, part 1
Coupling Torque	Closing: 17 Nm max / Opening: 0,92 Nm min
Contact Retention (Size 25/12)	55 N
Contact Retention (Size 60/100/8)	80 N
Contact Retention (Size 160/4)	90 N
Shell Material	Aluminium alloy
Shell Plating	Olive drab chromate over cadmium plating (conductive)
Insulator and Grommet Material	CR-Elastomere

Specifications and dimensions subject to change.



Datasheet for part number CA3108E28-10SB01

Our Catalog Part Number: CA3108E28-10S-B-01	
Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA BAYONET	

Product Datasheet	
Contact Material	Copper alloy
Harnessing Info: Contact Cross-Section	<a href="#">See assembly instruction</a>
Harnessing Info: Insulator Diameter	<a href="#">See assembly instruction</a>
Wire Stripping (Size 25/12)	6,2 mm
Wire Stripping (Size 60/100/8)	11,8 mm
Wire Stripping (Size 160/4)	11,8 mm
General Info	<i>All tests in accordance with VG95319 and/or if applicable with VG95210</i>