Datasheet for part number CA3106E24-12P-B-02-A240

Our Catalog Part Number: CA3106E24-12P-B-02-A240
Our Global Manufacturing Part Number: 121431-0330
Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA BAYONET

Product Datasheet	
Bayonet	CA Bayonet BLUE GENERATION
Shell Style	Plug, straight
Endbell Style	Endbell for heatshrinkable boots
Gender	Pin
Shell Size	24
Contact Arrangement	24-12
Number of contacts	2 contacts size 4, 3 contacts size 12
Contact Type	AWG 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 160/4)	135 A
Contact Resistance (Size 25/12)	3 mΩ
Contact Resistance (Size 160/4)	0,5 mΩ
Wire Cross Section	AWG 4 (Size 4), AWG 14/12 (Size 12)
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 160/4)	4,0 N
Gauge	For infos on Gauge please see catalog VG95234, part 1
Coupling Torque	Closing: 14 Nm max / Opening: 0,8 Nm min
Contact Retention (Size 25/12)	55 N
Contact Retention (Size 160/4)	90 N
Shell Material	Aluminium alloy
Shell Plating	Zinc nickel, iridescent blue grey metallic (conductive)
Insulator and Grommet Material	CR-Elastomere
Contact Material	Copper alloy
Harnessing Info: Contact Cross-Section	See assembly instruction
Harnessing Info: Insulator Diameter	See assembly instruction
Wire Stripping (Size 25/12)	6,2 mm
Wire Stripping (Size 160/4)	11,8 mm
General Info	*All tests in accordance with VG95319 and/or if applicable with VG95210*

Specifications and dimensions subject to change.

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