

# Datasheet for part number CA3102E24A51S-B-04

Our Catalog Part Number: CA3102E24A51S-B-04
Our Global Manufacturing Part Number: 121575-4552
Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA BAYONET

Product Datasheet	
Bayonet	Connector with bayonet coupling
Shell Style	Box mounting receptacle (rear mount, threaded holes in flange)
Gender	Socket
Shell Size	24
Contact Arrangement	24A51
Number of contacts	5 contacts size 25, 13 contacts size 15, 1 contact size 100
Contact Type	Metric Crimp
Contact Plating	Hard silver
Shielding	no
Wire Cross Section	2,0-3,0 mm <sup>2</sup> (Size 25), 0,75-1,5 mm <sup>2</sup> (Size 15), 10 mm <sup>2</sup> (Size 100)
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
Gauge	For infos on Gauge please see catalog VG95234, part 1
Coupling Torque	Closing: 14 Nm max / Opening: 0,8 Nm min
Shell Material	Aluminium alloy
Shell Plating	Olive drab chromate over cadmium plating (conductive)
Insulator and Grommet Material	CR-Elastomere
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>
General Info	<i>All tests in accordance with VG95319 and/or if applicable with VG95210</i>