# Datasheet for part number CA3106E20-29S-B-F80-A240

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| Our Catalog Part Number: CA3106E20-29S-B-F80-A240 |
| Our Global Manufacturing Part Number: 121575-3835 |
| 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 with clamp and bushing |
| Gender | Socket |
| Shell Size | 20 |
| Contact Arrangement | 20-29 |
| Number of contacts | 17 contacts size 16 |
| Contact Type | AWG Crimp |
| Contact Plating | Hard silver |
| Shielding | no |
| Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S) | 22 A |
| Contact Resistance (Size 15/15S/16/16S) | 6 mΩ |
| Wire Cross Section | AWG 18/16 |
| 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 15/15S/16/16S) | 1,0 N |
| Gauge | For infos on Gauge please see catalog VG95234, part 1 |
| Coupling Torque | Closing: 9 Nm max / Opening: 0,7 Nm min |
| Contact Retention (Size 15/15S/16/16S) | 35 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 15/15S/16/16S) | 6,2 mm |
| General Info | *All tests in accordance with VG95319 and/or if applicable with VG95210* |

Specifications and dimensions subject to change.