



Datasheet for part number CA3106E36A35SB14

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| Our Catalog Part Number: CA3106E36A35S-B-14  |
| Our Global Manufacturing Part Number: 121575-2648 A                                  |
| Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA BAYONET |

| Product Datasheet  |   |
|--|---|
| Bayonet  | Connector with bayonet coupling   |
| Shell Style  | Plug, straight  |
| Endbell Style  | Shielded connector with endbell for shielded braids and heat shrinkable boots   |
| Gender   | Socket  |
| Shell Size   | 36  |
| Contact Arrangement                                      | 36A35   |
| Number of contacts                                       | 4 contacts size 15, 4 contacts size 500   |
| Contact Type   | Metric Crimp  |
| Contact Plating  | Hard silver   |
| Shielding  | yes   |
| Contact Rating at +20 °C (68 °F)<br>(Size 15/15S/16/16S) | 22 A  |
| Contact Rating at +20 °C (68 °F)<br>(Size 500/0)         | 245 A   |
| Contact Resistance<br>(Size 15/15S/16/16S)               | 6 mΩ  |
| Contact Resistance (Size 500/0)                          | 0,2 mΩ  |
| Wire Cross Section                                       | 0,75-1,5 mm <sup>2</sup> (Size 15), 50 mm <sup>2</sup> (Size 500)   |
| 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<br>(Size 15/15S/16/16S)           | 1,0 N   |
| Sep. Force per Contact (Size 500/0)                      | 8,5 N   |
| Gauge  | For infos on Gauge please see catalog VG95234, part 1   |
| Coupling Torque  | Closing: 23 Nm max / Opening: 1,03 Nm min   |
| Contact Retention<br>(Size 15/15S/16/16S)                | 35 N  |
| Contact Retention (Size 500/0)                           | 95 N  |
| Shell Material   | Aluminium alloy   |
| Shell Plating  | Olive drab chromate over cadmium plating (conductive)   |
| Insulator and Grommet Material                           | CR-Elastomere   |
| Contact Material   | Copper alloy  |

Specifications and dimensions subject to change.



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| Product Datasheet                      |   |
| Harnessing Info: Contact Cross-Section | <a href="#">See assembly instruction</a>                                      |
| Harnessing Info: Insulator Diameter    | <a href="#">See assembly instruction</a>                                      |
| Wire Stripping (Size 15/15S/16/16S)    | 6,2 mm  |
| Wire Stripping (Size 500/0)            | 13,7 mm   |
| General Info                           | <i>All tests in accordance with VG95319 and/or if applicable with VG95210</i> |