

## Datasheet for part number CA3106E20-29SBF80F0

Our Catalog Part Number: CA3106E20-29S-B-F80-F0

Our Global Manufacturing Part Number: 121141-0647

Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA BAYONET

Shell Style         Plug, str           Endbell Style         Endbell Style           Gender         Socket           Shell Size         20           Contact Arrangement         20-29           Number of contacts         17 contact           Contact Type         AWG Cr           Contact Plating         Hard silv           Contacts included         no, deliv           Shielding         no           Contact Rating at +20 °C (68 °F)         22 A           (Size 15/15S/16/16S)         22 A           Contact Resistance (Size 15/15S/16/16S)         6 mΩ           Wire Cross Section         AWG 18           In case of must be IEC 603         In case of must be IEC 603           Insulator Resistance         Acc. To and VG standard           Test Voltage         2000 Vn           Air and Creepage Paths (Min)         1,1 mm           Ambient Temperature         Standard (-67/257           Safety Provisions         IP67 and DIN 40 0	vith clamp and bushing  cts size 16  mp
Shell Style         Plug, str           Endbell Style         Endbell Style           Gender         Socket           Shell Size         20           Contact Arrangement         20-29           Number of contacts         17 contact           Contact Type         AWG Cr           Contact Plating         Hard silv           Contacts included         no, deliv           Shielding         no           Contact Rating at +20 °C (68 °F)         22 A           (Size 15/15S/16/16S)         6 mΩ           Wire Cross Section         AWG 18           Uncase of must be IEC 603         In case of must be IEC 603           Insulator Resistance         Acc. To and VG standard           Test Voltage         2000 Vm           Air and Creepage Paths (Min)         1,1 mm           Ambient Temperature         Standard (-67/257           Safety Provisions         IP67 and DIN 40 (cm)	cts size 16 mp er
Endbell Style         Endbell Gender           Shell Size         20           Contact Arrangement         20-29           Number of contacts         17 contact           Contact Type         AWG Cr           Contact Plating         Hard silv           Contacts included         no, deliv           Shielding         no           Contact Rating at +20 °C (68 °F)         22 A           (Size 15/15S/16/16S)         6 mΩ           Wire Cross Section         AWG 18           In case of must be IEC 603           Insulator Resistance         Acc. To and VG standard           Insulator Resistance         2000 Vm           Air and Creepage Paths (Min)         1,1 mm           Ambient Temperature         Standard (-67/257           Safety Provisions         IP67 and DIN 40 (67/257)	vith clamp and bushing  cts size 16  mp er
Gender         Socket           Shell Size         20           Contact Arrangement         20-29           Number of contacts         17 contact           Contact Type         AWG Cr           Contact Plating         Hard silv           Contact Plating         no, deliv           Shielding         no           Contact Rating at +20 °C (68 °F)         22 A           (Size 15/15S/16/16S)         6 mΩ           Wire Cross Section         AWG 18           Operating Voltage         In case of must be IEC 603           Insulator Resistance         Acc. To and VG standard           Test Voltage         2000 Vm           Air and Creepage Paths (Min)         1,1 mm           Ambient Temperature         Standard (-67/257           Safety Provisions         IP67 and DIN 40 (6	cts size 16 mp er
Contact Arrangement         20-29           Number of contacts         17 contact           Contact Type         AWG Cr           Contact Plating         Hard silv           Contacts included         no, deliv           Shielding         no           Contact Rating at +20 °C (68 °F)         22 A           (Size 15/15S/16/16S)         6 mΩ           Wire Cross Section         AWG 18           In case of must be IEC 603           Voltage         Acc. To and VG standard           Insulator Resistance         Acc. To and VG standard           Test Voltage         2000 Vm           Air and Creepage Paths (Min)         1,1 mm           Ambient Temperature         Standard (-67/257           Safety Provisions         IP67 and DIN 40 (Min)	mp er
Number of contacts         17 contact           Contact Type         AWG Cr           Contact Plating         Hard silv           Contacts included         no, deliv           Shielding         no           Contact Rating at +20 °C (68 °F)         22 A           (Size 15/15S/16/16S)         6 mΩ           Contact Resistance (Size 15/15S/16/16S)         6 mΩ           Wire Cross Section         AWG 18           In case of must be IEC 603         In case of must be IEC 603           Insulator Resistance         Acc. To and VG standard           Test Voltage         2000 Vn           Air and Creepage Paths (Min)         1,1 mm           Ambient Temperature         Standard (-67/257           Safety Provisions         IP67 and DIN 40 0	mp er
Contact Type         AWG Cr           Contact Plating         Hard silv           Contacts included         no, deliv           Shielding         no           Contact Rating at +20 °C (68 °F)         22 A           (Size 15/15S/16/16S)         6 mΩ           Wire Cross Section         AWG 18           In case of must be IEC 603           Insulator Resistance         Acc. To and VG standard           Test Voltage         2000 Vm           Air and Creepage Paths (Min)         1,1 mm           Ambient Temperature         Standard (-67/257           Safety Provisions         IP67 and DIN 40 0	mp er
Contact Plating         Hard silv           Contacts included         no, deliv           Shielding         no           Contact Rating at +20 °C (68 °F)         22 A           (Size 15/15S/16/16S)         6 mΩ           Contact Resistance (Size 15/15S/16/16S)         6 mΩ           Wire Cross Section         AWG 18           In case of must be IEC 603           Insulator Resistance         Acc. To and VG standard           Test Voltage         2000 Vm           Air and Creepage Paths (Min)         1,1 mm           Ambient Temperature         Standard (-67/257           Safety Provisions         IP67 and DIN 40 (6	er
Contacts included         no, delive           Shielding         no           Contact Rating at +20 °C (68 °F)         22 A           (Size 15/15S/16/16S)         6 mΩ           Contact Resistance         6 mΩ           (Size 15/15S/16/16S)         In case of must be less of must be le	
Shielding	ery without contacts
Contact Rating at +20 °C (68 °F)       22 A         (Size 15/15S/16/16S)       6 mΩ         Contact Resistance (Size 15/15S/16/16S)       6 mΩ         Wire Cross Section       AWG 18         Operating Voltage       In case of must be IEC 603         Insulator Resistance       Acc. To and VG standard         Test Voltage       2000 Vm         Air and Creepage Paths (Min)       1,1 mm         Ambient Temperature       Standard (-67/257)         Safety Provisions       IP67 and DIN 40 (0)	
(Size 15/15S/16/16S)   22 A     Contact Resistance (Size 15/15S/16/16S)   6 mΩ     Wire Cross Section   AWG 18     Operating Voltage   In case of must be IEC 603     Insulator Resistance   Acc. To and VG standard     Test Voltage   2000 Vr     Air and Creepage Paths (Min)   1,1 mm     Ambient Temperature   Standard (-67/257     Safety Provisions   IP67 and DIN 40 (1975)     In case of must be IEC 603     Acc. To and VG standard (-67/257     Safety Provisions   IP67 and DIN 40 (1975)     In case of must be IEC 603     Acc. To and VG standard (-67/257     In case of must be IEC 603     Acc. To and VG standard (-67/257     In case of must be IEC 603     In case of must be IEC 603     Acc. To and VG standard (-67/257     Acc. To and VG standard (-67/257     In case of must be IEC 603     In case of must be IEC 603     In case of must be IEC 603     Acc. To and VG standard (-67/257     Acc. To and VG standard (-67/257     In case of must be IEC 603     In case of must be IEC 603     Acc. To and VG standard (-67/257     Acc. To and VG standard (-67/257     In case of must be IEC 603     In case of must	
(Size 15/15S/16/16S)   6 mm	
Operating Voltage  In case of must be IEC 603  Acc. To and VG standar  Test Voltage  Air and Creepage Paths (Min)  Ambient Temperature  Standard  Standard  C-67/257  Safety Provisions	
Operating Voltage must be IEC 603  Insulator Resistance Acc. To and VG standar  Test Voltage 2000 Vn  Air and Creepage Paths (Min) 1,1 mm  Ambient Temperature Standare (-67/257  Safety Provisions IP67 and DIN 40 0	/16
Insulator Resistance and VG standar  Test Voltage 2000 Vr  Air and Creepage Paths (Min) 1,1 mm  Ambient Temperature Standare (-67/257  Safety Provisions IP67 and DIN 40 0	of voltages greater than 50V the connector used in accordance with DIN VDE part 410, 64-4-41.
Air and Creepage Paths (Min)  Ambient Temperature  Safety Provisions  1,1 mm  (-67/257  IP67 and DIN 40 0	/G95319, part 2, test no. 5.12 95210, part 32, test conditions B, I insulator material > 1000 MΩ
Ambient Temperature Standard (-67/257) Safety Provisions IP67 and DIN 40 0	ns
Safety Provisions (-67/257    Post	
DIN 40 (	l insulator material -55°/+125°C °F)
Salt Spray Resistance 500 hou	IP68 (1 bar pressure after 12 hrs) acc. to 50
	s salt spray resistant
Mating Cycles 500 min	
Sep. Force per Contact (Size 15/15S/16/16S)   1,0 N	
Gage For infos VG9523	on Gage please see catalog 4, part 1
Coupling Torque Closing:	9 Nm max / Opening: 0,7 Nm min
Contact Retention (Size 15/15S/16/16S) 35 N	
Shell Material Aluminiu	m alloy
Shell Plating Olive dra (conduct	b chromate over cadmium plating ive)
Insulator and Grommet Material CR-Elas	omere
Contact Material Copper a	alloy
Harnessing Info: Contact Cross-Section See ass	embly instruction
Harnessing Info: Insulator Diameter See ass	and the instruction
Wire Stripping (Size 15/15S/16/16S) 6,2 mm	embly instruction

Specifications and dimensions subject to change.



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Product Datasheet	
General Info	All tests in accordance with VG95319 and/or if applicable with VG95210