




| TECHNICAL OFFER N° xxxxxxxx | | DATE 26/01/2023 | | |
|---|---|---|--|--|
| DESIGNATION | STD CAP 200 kV - 50 pF (CG RANGE) | | STD CAP 200 kV - 100 pF (CG RANGE) | |
| Vettiner Reference Dimensions & Weight <ul style="list-style-type: none"> Height (mm) Base Ø (mm) Head Ø (mm) Side □ (mm) Weight (Kg) | CG 200-50 Product  1 580 mm 600 mm 500 mm N.A. 69 kg | CG 200-50 WOI Wooden packing / 1 unit (UN 3538 & ISPM 15 comply)  1 820 mm N.A. N.A. 860 x 860 mm # 90 kg ± 20 % Gross weight # 160 kg ± 20 kg | CG 200-100 Product  1 520 mm 600 mm 560 mm N.A. 85 kg | CG 200-100 WOI Wooden packing / 1 unit (UN 3538 & ISPM 15 comply)  1 760 mm N.A. N.A. 860 x 860 mm # 85 kg ± 20 % Gross weight # 170 kg ± 20 kg |
| | Main Application <ul style="list-style-type: none"> HV Tan δ & Capa. standard HV AC Accurate divider (See options) HV Coupling capacitor std. (60 270 IEC std) | <ul style="list-style-type: none"> ✓ ✓ ✓ | | <ul style="list-style-type: none"> ✓ ✓ ✓ |
| Main Characteristics <ul style="list-style-type: none"> Technology Insulant Nominal Voltage Maxi tested Voltage Nominal Capacitance Tan delta Partial Discharges level Frequency operating Insulation resistance HV Terminal - Fixed Socket C_n Terminal - Fixed Socket | Bulb Electrode SF 6 Gas - 5 bar (Or alternatively NG New Gas, SF6 Free) 200 kV 220 kV 50 pF < 1.10 ⁻⁵ ≤ 2 pC 1 Hz up to 1 kHz > 500 MΩ Banana Terminal 4 mm or/& fixing Screw Lemo Unipole type ERA 3S 140 CTL (Other type on request) | | Bulb Electrode SF 6 Gas - 5 bar (Or alternatively NG New Gas, SF6 Free) 200 kV 220 kV 100 pF < 1.10 ⁻⁵ ≤ 2 pC 1 Hz up to 1 kHz > 500 MΩ Banana Terminal 4 mm or/& fixing Screw Lemo Unipole type ERA 3S 140 CTL (Other type on request) | |
| Vettiner Benefit <ul style="list-style-type: none"> Voltage coefficient ΔC / [0-Un] Capacitance stability / year Capacitance adjustment/Nominal capacitance Accuracy / Capa. Vettiner calibration Accuracy / Capa. External calibration No or reduced Maintenance Sturdiness & reliability over time Total operator safety & easy use 2 years warranty After sales service | ≤ 30 ppm * < 0.05 % ≤ 1 pF 0.05 % ≤ 0.02 % * ✓ ✓ ✓ 2 years included, 3 or 5 or 10 years in option 10 years guaranteed, over 50 years recorded | | ≤ 30 ppm * < 0.05 % ≤ 1 pF 0.05 % ≤ 0.02 % * ✓ ✓ ✓ 2 years included, 3 or 5 or 10 years in option 10 years guaranteed, over 50 years recorded | |
| Pressure & Temperature coeff. <ul style="list-style-type: none"> Pressure coeff. ΔC / p Temperature coeff. ΔC / °C Pressure drift / T°C Δp / °C | + 2.2.10 ⁻³ / bar # + 2.10 ⁻⁵ / °C # 0.03 bar / °C | | + 2.2.10 ⁻³ / bar # + 2.10 ⁻⁵ / °C # 0.03 bar / °C | |
| Environment <ul style="list-style-type: none"> Operating temperature Storage temperature Operating Hydrometry Altitude | - 10 °C up to + 50 °C - 20 °C up to + 70 °C ≤ 70% non condensing (Ambiant T° 5°C mini > dew point T°C) ≤ 1000 m or consult us for higher elevation | | - 10 °C up to + 50 °C - 20 °C up to + 70 °C ≤ 70% non condensing (Ambiant T° 5°C mini > dew point T°C) ≤ 1000 m or consult us for higher elevation | |
| Accessories & Options <ul style="list-style-type: none"> Set of measuring cables & instruments Use as HV AC divider 2nd. measuring electrode C_{n2} (Tanδ+ HV Div.) 0.5% divider with built-in LV capacitance ≤ 0.1% divider with ext. LV Std. Capacitance Adaptation for special ratio divider Digital Kilo-Voltmeter (AC & DC Comply) | Under Request 5 pF (Other value under request) Ratio 10 000 / 1 (200 kV → 20 V) (Other ratio under request) Under Request Under Request Under Request | | Under Request 5 pF (Other value under request) (Capa height + 100 mm) Ratio 10 000 / 1 (200 kV → 20 V) (Other ratio under request) Under Request Under Request Under Request | |
| Freight & Packaging New Rule Important Note Applicable 01/07/2019 | Packing & Marking by Road or/& Sea : UN 3538 with SF6 by air : UN 3363 with SF6 < 500 g & UN 3163 for SF6 Free | | Packing & Marking by Road or/& Sea : UN 3538 with SF6 by air : UN 3363 with SF6 < 500 g & UN 3163 for SF6 Free | |
| Calibration <ul style="list-style-type: none"> Vettiner certificate included (ILAC Traceability) External laboratory calibration | ✓ ISO 17 025 under Request | | ✓ ISO 17 025 under Request | |

Some of the above technical data are valid at above mentioned date but could change without any notice at any time (Ex. dimensions or weight or else...)

* Better on demand