

**CS – Electronic Current Transformer for
Medium Voltage Distribution Systems
Request for Quote**

Altea proposes a family of CS - Current Sensors - based on Rogowski coil, with Low-Power differential Output. All sensors are active and need auxiliary DC power supply. Altea offers Accessories to be used with CS Sensors:

- ✓ The CS Power Supply Box, usable with a set of three sensors.
- ✓ The CS Reader for customers who will connect the output of the CS to measurement equipment provided with single-ended input. The Altea CS Reader supplies power to a set of three sensors, and makes their outputs from differential binary to single ended type.
- ✓ The Conv-C in case Lo-Po inputs for Electronic transformers are not available on protection relay or measurement equipment. The Altea Conv-C supplies power to a set of three sensors, and amplifies their secondary voltage up to the value of traditional measurement transformers.

Please select product characteristics

- 1) Quantity of Sensors: _____
- 2) Service conditions: Indoor – Air insulated switchgear
 Indoor – Gas insulated switchgear Outdoor
- 3) Ambient-Air Temperature Category: [-5; +40] °C [-25; +40] °C [-40; +40] °C
- 4) Highest Voltage for Equipment: 17,5 kV 24 kV 27 kV 36 kV
 40,5 kV _____
- 5) Rated Frequency: 50 Hz 60 Hz
- 6) Hole diameter for primary conductor: 50 mm (single MV cable) 110 mm (up to three MV cables)
- 7) Rated Primary Current: 200 A 300 A 400 A 500 A 630 A

- 8) Rated Secondary Value:
 0,2 V (Std) – by means of Altea Power Supply Box or CS Reader
(see point 13 for quantities)



CUSTOMER REQUEST EVALUATION

Quality Assurance	F-820-001	Rev. A	04/09/2017
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- 1 A – by means of Three-Channels Altea Conv-C
(see point 13 for quantities)
- _____ please contact Altea for different output values

9) Accuracy class

for Protection: 5P

for Measurement: 1 0,5 (Std) 0,2 S

10) Frequency bandwidth: rated Frequency Power Quality Metering

11) Output cable length: 5 m (Std) _____

Altea Accessories:

12) Auxiliary Supply Voltage: 24 / 48 V, DC or AC (Std) 230 VAC
 110 VAC _____

13) Add Three-Channels Altea Power Supply Box to the order: Quantity _____
Add Three-Channels Altea CS Reader to the order: Quantity _____
Add Three-Channels Altea Conv-C to the order: Quantity _____

Notes:

Date,

Company name:

VAT No:

Address:

Contact:
