

**Altea VS – Electronic Voltage Transformer
for Medium Voltage Distribution Systems
Request for Quote**

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

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

Please select Sensors 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) Rated Primary Voltage: 15/√3 kV 20/√3 kV 30/√3 kV 35/√3 kV

- 7) Rated Secondary Voltage:
 1 V (Std) – by means of Altea Power Supply Box or VS Reader
(see point 13 for quantities)
 100/√3 V – by means of Three-Channels Altea Conv-V



CUSTOMER REQUEST EVALUATION

Quality Assurance	F-820-001	Rev. A	04/09/2017
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(see point 13 for quantities)

_____ please contact Altea for different output values

8) Accuracy class

for Protection: 3P

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

9) Frequency bandwidth: Rated Frequency Power Quality Metering

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

11) Integrated Voltage Presence Indicator Capability: Yes No

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 VS Reader to the order: Quantity _____

Add Three-Channels Altea Conv-V to the order: Quantity _____

Notes:

Date,

Company name:

VAT No:

Address:

Contact:
