



CCOS-TE Sal.1,3

Code: M25351. DESCATALOGADO

> Transducer FP

> Output type: 1

> 3

> Analog output: 0...20mA

> System: Balanced three-phase (3 wires)

Description

The CCOS transducers measure $\text{cos}\phi$ single-phase system.

The analog output is directly proportional to the measurement signal, 0...20 mA or 4...20 mA. The analog output can be bidirectional.







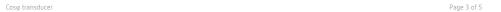
Cosinus ϕ transducer

Code: M25351.

Specifications

| AC power supply, insulation | | |
|---------------------------------------|-------------------------------------|--|
| Pulse test (kV) | 4 kV (1,2/50μs) | |
| Test voltage (kV) | 3 kV RMS 50 Hz 1min | |
| AC power supply | | |
| Consumption | 2,5 VA | |
| Frequency | 4090 Hz | |
| Nominal voltage | 24/115/230/400 Vca (-15+20 %) | |
| DC power supply, insulation | | |
| Pulse test (kV) | 3 kV (1,2/50µs) | |
| Test voltage (kV) | 2 kV RMS 50Hz 1 min | |
| DC power supply | | |
| Consumption | 2,5 VA | |
| Nominal voltage | 9-18 / 18-36 Vdc 36-72 / 90-140 Vdc | |
| Mechanical characteristics | | |
| Size (mm) width x height x depth | 95 x 72 x 110 (mm) | |
| Weight (kg) | 0,31 | |
| Environmental characteristics | | |
| Protection class | IP 20 (Terminals) IP 40 (case) | |
| Storage temperature | -40+70 °C | |
| Working temperature | -10+55 °C | |
| Current measurement circuit | | |
| Nominal current (In) | 5A | |
| Phase current measurement | 0150 % In | |
| Allowable overload | 300 % In permanent | |
| Voltage measurement circuit | | |
| Consumption | 0,2 VA | |
| Frequency measuring range | 4565 Hz | |
| Voltage measuring range | 0150 % Vn | |
| Nominal voltage | 500 Vca | |
| Maximum permanent measurement voltage | 1000 V | |









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Standards

Electrical safety, Maximum height (m)

2000







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| Standards | IEC 529, IEC 688, IEC 801, EN 50081-2, EN 50082-2, IEC 1010 |
|------------------------------|---|
| Analogue inputs | |
| Load impedance in current | < 500 Ω |
| Ripple (effective RMS value) | < 0,5 % |
| Response time | < 500 ms (099 % Vn) |
| Analogue outputs | |
| Current mode, nominal range | 020 mAac / 420 mAac |
| Measurement accuracy | |
| Phase current measurement | 0,5 % FS |





Cosφ transducer





CCOS-TE Out1,3

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Dimensions



