

CCOS-TE Out1,3

CCOS-TE Sal.1,3

Code: M25351. **DESCATALOGADO**

> Transducer FP

> Output type: 1

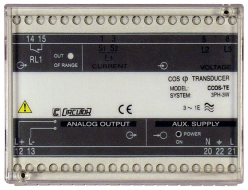
> 3

> Analog output: 0...20mA

> System: Balanced three-phase (3 wires)

Description

The **CCOS** transducers measure cosφ 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.



CCOS-TE Out1,3

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	40...90 Hz
Nominal voltage	24/115/230/400 Vca (-15...+20 %)

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	0...150 % In
Allowable overload	300 % In permanent

Voltage measurement circuit

Consumption	0,2 VA
Frequency measuring range	45...65 Hz
Voltage measuring range	0...150 % Vn
Nominal voltage	500 Vca
Maximum permanent measurement voltage	1000 V

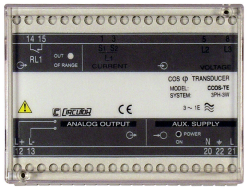
Standards

Electrical safety, Maximum height (m)	2000
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 (0...99 % Vn)

Creation date: 19/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.



CCOS-TE Out1,3

Cosinus φ transducer

Code: M25351.

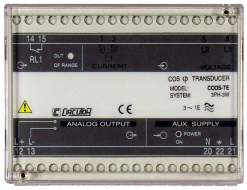
Analogue outputs

Current mode, nominal range	0...20 mAac / 4...20 mAac

Measurement accuracy

Phase current measurement	0,5 % FS

Creation date: 19/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.

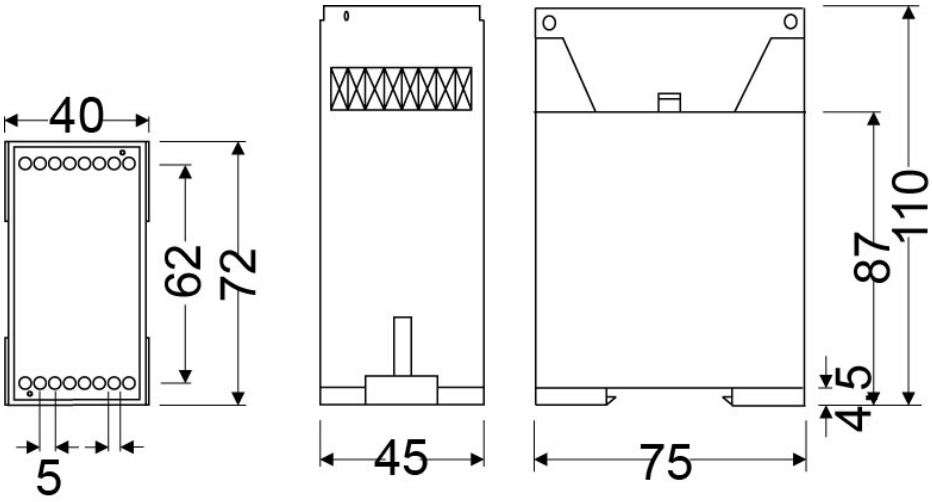


CCOS-TE Out1,3

Cosinus φ transducer

Code: M25351.

Dimensions



Creation date: 19/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.