

## CCOS-TEN Sa1,3

CCOS-TEN Sa1,3

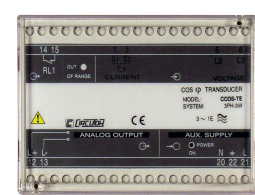
Code: M25361. DESCATALOGADO

- > Convertidor de cos fi
- > Tipus Sortida: 1
- > 3
- > Sortida analògica: 0...20mA
- > Sistema: Trifàsic equilibrat (4 fils)

### Descripció

Els convertidors **CCOS** permeten mesurar el cos d'un sistema monofàsic.

Els convertidors **CCOS** disposen d'una sortida analògica, proporcional al senyal de mesura, 0...20 mA o 4...20 mA. La sortida pot ser unidireccional o bidireccional.



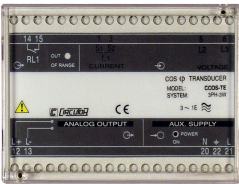
# CCOS-TEN Sa1,3

Convertidor de cosinus  $\varphi$

Code: M25361.

Especificacions

|                                       |                                                             |
|---------------------------------------|-------------------------------------------------------------|
| 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 (Caixa)                             |
| Storage temperature                   | -40....+70 °C                                               |
| Operating 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)                                      |



# CCOS-TEN Sa1,3

Convertidor de cosinus  $\varphi$

Code: M25361.

## Analogue outputs

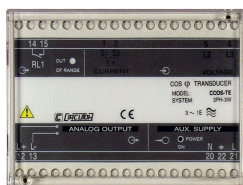
|                             |                           |
|-----------------------------|---------------------------|
| Current mode, nominal range | 0...20 mAac / 4...20 mAac |
|-----------------------------|---------------------------|

## Measurement accuracy

|                           |          |
|---------------------------|----------|
| Phase current measurement | 0,5 % FS |
|---------------------------|----------|

CCOS  
Convertidor de cos fi

| CODI                                                                              | TIPUS          | Tipus Sortida | Sortida analògica | Sistema                      |
|-----------------------------------------------------------------------------------|----------------|---------------|-------------------|------------------------------|
| Cos $\varphi$ . Auxiliary supply 230 V, 40...90 Hz, Accuracy: $\pm 0,5$ % reading |                |               |                   |                              |
| M25341.                                                                           | CCOS-M Out1,3  | 1, 3          | 0...20mA          | Monofàsic                    |
| M25342.                                                                           | CCOS-M Out 2   | 2             | 4...20mA          | Monofàsic                    |
| M25351.                                                                           | CCOS-TE Out1,3 | 1, 3          | 0...20mA          | Trifàsic equilibrat (3 fils) |
| M25352.                                                                           | CCOS-TE Out2   | 2             | 4...20mA          | Trifàsic equilibrat (3 fils) |
| M25361.                                                                           | CCOS-TEN Sa1,3 | 1, 3          | 0...20mA          | Trifàsic equilibrat (4 fils) |
| M25362.                                                                           | CCOS-TEN Out2  | 2             | 4...20mA          | Trifàsic equilibrat (4 fils) |



## CCOS-TEN Sa1,3

Convertidor de cosinus  $\phi$

Code: M25361.

### Dimensions

