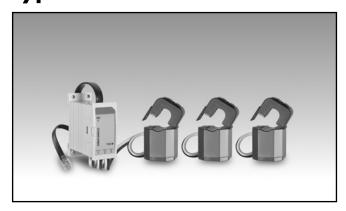
## Energy Management 3-phase current transformers Type TCD0M

CARLO GAVAZZI



- 3-phase current transformer set compatible to EM271 energy meter
- Primary current 60 A
- Hole size 9.6 mm
- Auto-detection of the primary current rated value by the EM271 energy meter
- For cable mounting
- Umbilical connection to EM271 energy meter through RJ11

### **Product description**

Group of three split-core miniature current sensors to be used in combination with EM271 energy meter. Equipped with an RJ11 wire for a very fast installation. The energy meter automatically reads from TCD0M its

primary current rated value, saving time for the user setup. It can be mounted directly on the cables whose current is to be monitored, without need to interrupt the load power supply.

How to order	<b>TCDOM</b>	60	80CM	X
Model —	•	$\top$		T
Primary current ———				
Cable lenght ———				
Option —				

### **Type Selection**

Primary current	Cable length (RJ11 side)	Option	
60: 60A primary current input	<b>80 CM:</b> 80cm	X: none	

## **Specification**

#### **Electrical specifications**

Rated Primary Current 45/65Hz

Current (continuos)
Winding DC resistance at 20°C

Secondary Output at

Accuracy Linearity

Phase error at rated current range

Operating temperature range

Storage temperature range

Dieletric withstand voltage (Hi-pot) Impulse withstand voltage Insulation Resistance Max primary cable system voltage 60A (1-70A) 120A max 560Ω max

1% 0.5%

≤4°

-40°C to +65°C (-40°F to 149°F) (R.H. < 90% non-condensing @ 40°C) -40°C to +65°C (-40°F to 149°F) (R.H. < 90% non-condensing @ 40°C)

2500V/1mA/1min 5kV Peak DC500V/100MΩ min

660V

#### Mechanical specification

Current transformer terminal

Current transformer housing
Opening Angle
Approx weight
Approvals
Mounting
Connections
Protection Degree
Hole Size

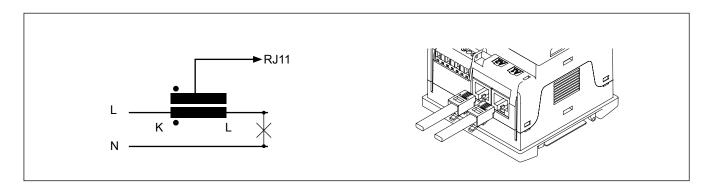
180cm (UL1015 22AWG PVC wire)

P6331 180 degree 290g CE

Cable Mounting RJ11

IP20 Max 9.6mm

# Wiring diagrams



## **Dimensions**

