

GESIS - Three Phase CT Operated Meter



This is a new bulk supply meter used for 3 phase load currents that are greater than 60 Amp per phase.

This type of meter installation uses Current Transformers according to the requested load. Current Transformers come in different ratings, and this is referred to as CT Ratio. The CT ratio is shown on the meter display. Examples as follows:

Prim [A] = 100 and Sec [A] = 5
CT Ratio = 100/5 = 20

Prim [A] = 200 and Sec [A] = 5
CT Ratio = 200/5 = 40

Prim [A] = 400 and Sec [A] = 5
CT Ratio = 400/5 = 80

All displayed Power, Maximum Demand and Energy Consumption readings are to be multiplied by the displayed **CT Ratio** to obtain actual readings.

Total 0123456.00

kWh

E.g.: If Energy Reading is 0123456.00 kWh and CT Ratio is 20, then actual energy consumption is 0123456.00 x 20 = 2,469,120 kWh.
Hence, ARMS bill will show 2,469,120 kWh.

T3 PMAX = 002.7

kW

If Maximum Demand T3 PMAX is 002.7 kW and CT Ratio is 20, then actual Maximum Demand is 002.7 x 20 = 54.0 kW

Meter conforms to EU MID directive 2014/32/EU, references CEI EN 50470-1, CEI EN 50470-3 and EU RED 2014/53/EU.

More information on www.enemalta.com.mt