



Summation CT - Summary Sheet

Summary

Summation Current Transformers enable the summing of multiple independent loads on different supplies, allowing all supplies to be read through one meter.

Product Code	CTSUM55	CTSUM555
Availability	Next Day	Next Day
Description	5+5=5	5+5+5=5
No. of Inputs	2	3

Example

- 📌 There are 2 x 300A 3-phase supplies to be read by one CT operated meter.
- 📌 Required for each supply are three CT's, one for each phase, of the ratio 300/5.
- 📌 Also required will be three 5+5=5 Summation CTs with each Summation CT designated to a phase.
- 📌 The secondaries from both CTs on the first phase should be fed to the inputs of the designated Summation CT, with the output from the Summation CT being fed in to the meter. This is then repeated for the second and third phase.
- 📌 The secondary output from the Summation CT will then equal the sum of the three primary currents, $(300/5 + 300/5 = 600/5)$, and so the meter being used should be programmed to a ratio of 600/5.

Summation CTs with up to 9 inputs are available on special order. Summation CTs for unbalanced loads can also be manufactured upon request.

Technical Information

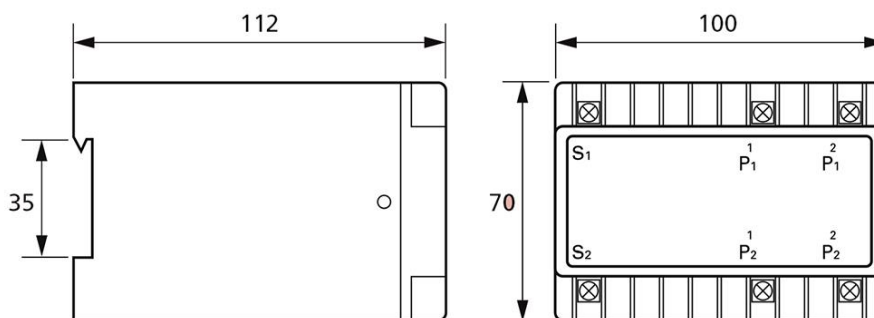
Features

- 📌 DIN rail mounted
- 📌 Protected terminals
- 📌 Up to 9 inputs (equal ratio)
- 📌 Unequal ratios available on request

Specification

- 📌 Conforms to EN 60044-1 / EN 61869-2 and IEC 61869-2
- 📌 Rated system voltage 0.72/3kV
- 📌 Ambient temperature -5°C to +50°C
- 📌 Continuous current 1.2 x rated current

Dimensions



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