RISHABH

Data Sheet

Nano 3 phase CT

- Compact 3 phase CT
- UL grade polymer
- IP 20 at secondary terminal
- Accuracy class of 0.5
- Compact dimensions and simple connection technology
- Easy Installation

Preliminary Datasheet

Measure Control Record Analyze

Rish Nano for the measurement of AC current

Rish Nano CT is a very reliable, efficient and robust current transformer for measurement of AC current. It provides 250 mA AC output. It can be used in

- Circuit breakers.
- Earth Leakage Protection.

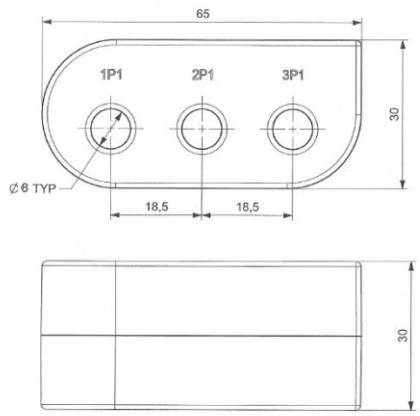
Features

1) Measurement of AC current for frequency 50/60Hz .
2) High electric isolation between primary conductor and output.
3) Easy and safe electrical connection.
4) Primary rated current 63A,125A and 250A AC.
5) High system voltage
6) 550 mm long Secondary Cable for 63 A & 125 A product ,1550 mm long Secondary Cable for 250 A product.

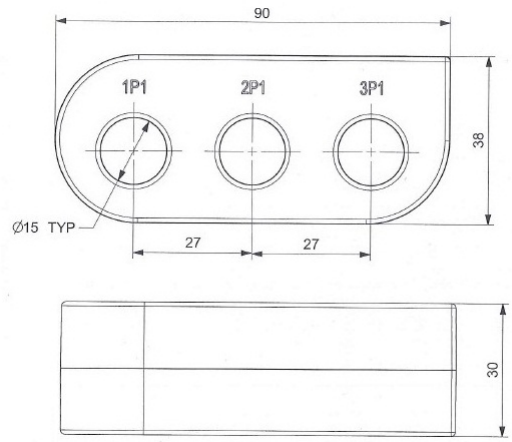
Technical data:

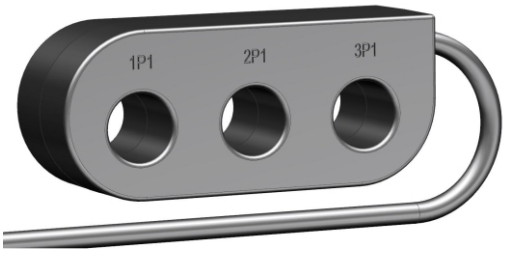
Rated Primary current	63A,125A and 250 A AC
Frequency range	50/60 Hz
Rated secondary current	250 mA AC
Burden	0.1 VA
Accuracy Class	0.5
Max. operating voltage U_m	0.72 kV, U
Applicable Standard:	IEC 61869-1 & IEC 61869-2
Thermal short circuit current	60 Ith
Dynamic Current	2.5 Ith
Insulation Class / Ingress Protection	E / IP 20
Thermal Class	B
Operating temperature:	-25° C < T_U < +60° C, 0…95% rH, without condensation
Storage temperature:	-40° C < T_L < +90° C

Nano 3 Phase CT Models:

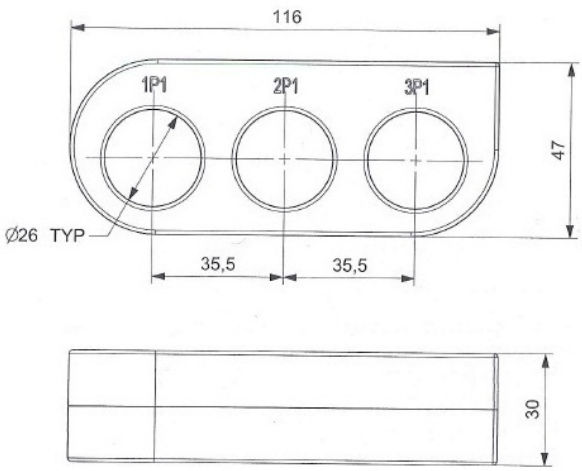


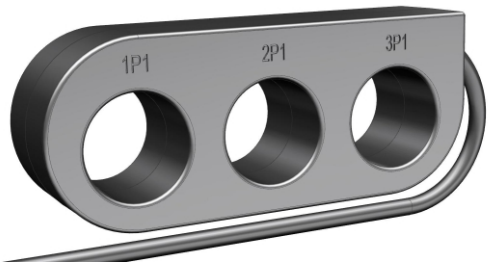
X308: 63A





X306: 125A



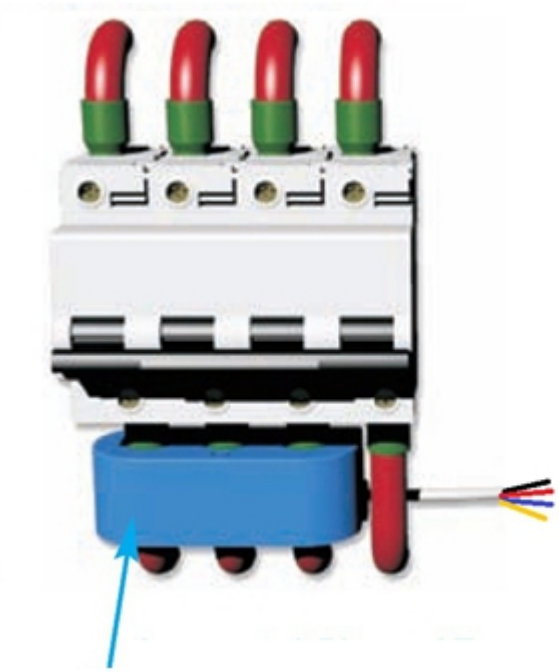


X307: 250A

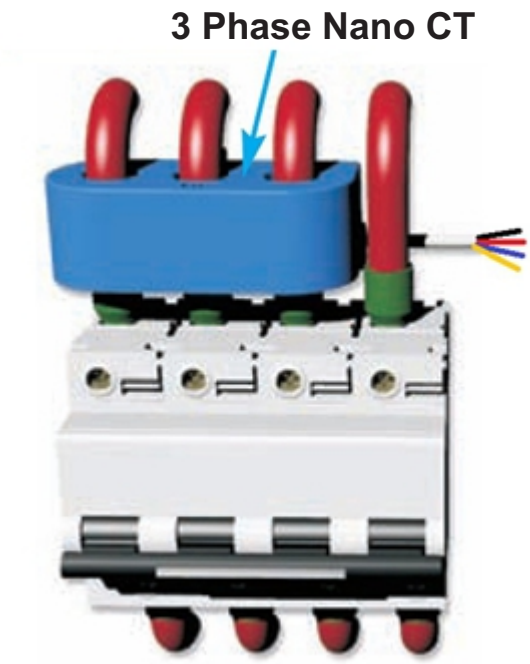
Mounting / Installation of 3 Phase Nano CT

Installation in confined spaces, utilizing the space above the circuit breakers and earth leakage protection

In installations that allow the power supply to be shut down for the installation of transformers



3 Phase Nano CT



Ordering information:

X30X	xxx	xx	x	x	x	x	xx	xx

X306
X307
X308

Primary current

63 A	063
125 A	125
250 A	250

Secondary

250 mA AC	25

Burden

0.1 VA	1

Accuracy Class

0.5	1

Colour

Black	B
Gray	G

Company code

RISHABH	R
Other	L

Customer specific 00

Reserved 00

Sr. No.	Ordering code	Description
1	X308-0632511BR0000	CTB 3PH 65/8 63/250mA,0.1/0.5
2	X306-1252511BR0000	CTB 3PH 90/15 125/250mA,0.1/0.5
3	X307-2502511BR0000	CTB 3PH 116/26 250/250mA,0.1/0.5

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Measure Control Record Analyze

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