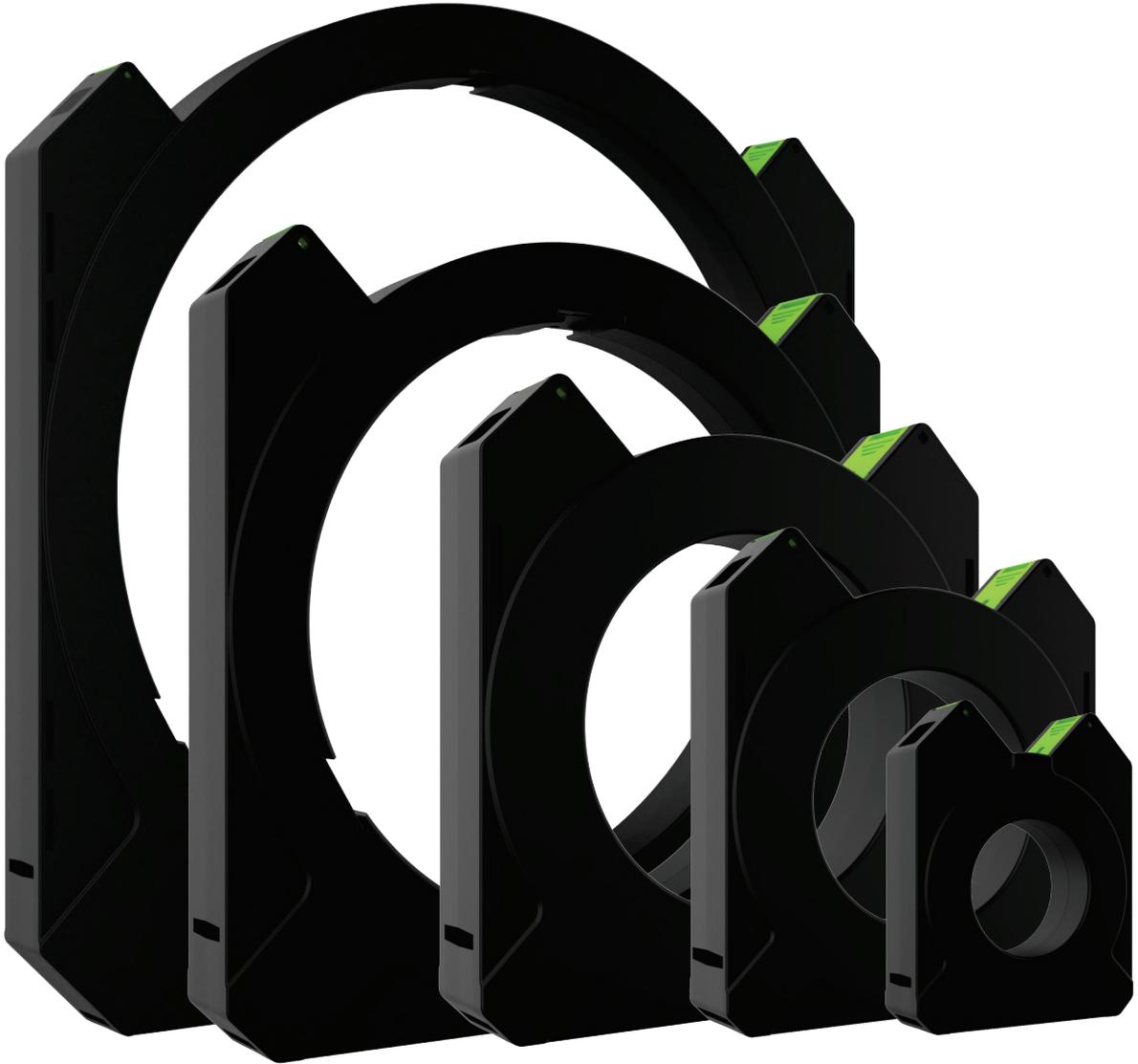




RISHABH

Data Sheet

Core Balance Current Transformer



Measure



Control



Record



Analyze

About Product :

- Conformity to Standard IEC 61869-1
- Compact design, Reliable and accurate.
- Designed to detect earth leakage current and transmit proportional signal to an Earth Leakage Relay.
- Common wall mounting clamp for all sizes.
- Sealable cap for secondary terminal connections.
(Maximum sealing wire diameter should be 1.8mm)

Product Sizes and Weights:

Name	Size	Weight
RISH CBCT 38	38-71 (20)	0.12 Kg
RISH CBCT 57	57-97 (20)	0.15 Kg
RISH CBCT 70	70-109 (20)	0.18 Kg
RISH CBCT 120	120-153 (20)	0.29 Kg
RISH CBCT 210	210-250 (20)	0.51 Kg

Characteristics:

Insulation Coordination	According to IEC 60664 - 1
Case	Nylon 6, 20% GF, FR (30) Black
Connection a) Value b) Wire Range	Screw type terminal connection M2.5, 0.4Nm 0.5 ~ 2.5mm ² (suitable for pin type lug)
CT Ratio	600:1
Maximum Operating Voltage (Um)	0.72 kV Maximum
Test Voltage	3kV, 50 Hz for 1 minute
Operating Frequency	50/60 Hz
Rated Primary Current (Ipr)	30 mA- 30 A
Rated Continuous Thermal Current (Icth)	100 A
Thermal Short Circuit Current (Ith)	60 x Ipr
Dynamic Short Circuit Current (Idyn)	2.5 x Ith
Ambient Temperature	-25°C to 55°C
Storage Temperature	-50°C to 80°C
Distance between ELR & CBCT	< 1 meter
Accuracy Class	3
Secondary Terminal	Protected to IP20



Measure



Control

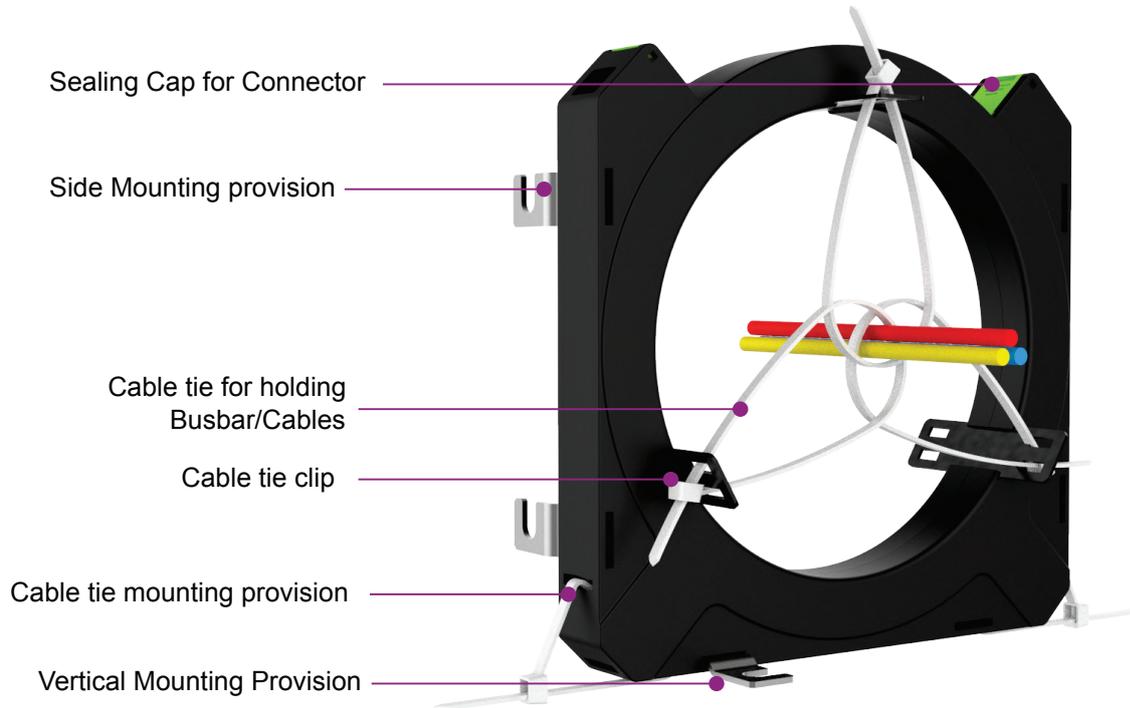


Record



Analyze

Product Features:



Model /Features	Mounting clamp for vertical mounting	Mounting clamp for Horizontal mounting	Cable Tie for vertical mounting	Cable Tie Clip for Busbar Mounting	Terminal Cap
RISH CBCT 38	✓	✗	✓	✗	✓
RISH CBCT 57	✓	✓	✓	✗	✓
RISH CBCT 70	✓	✓	✓	✗	✓
RISH CBCT 120	✓	✓	✓	✓	✓
RISH CBCT 210	✓	✓	✓	✓	✓



Measure



Control



Record

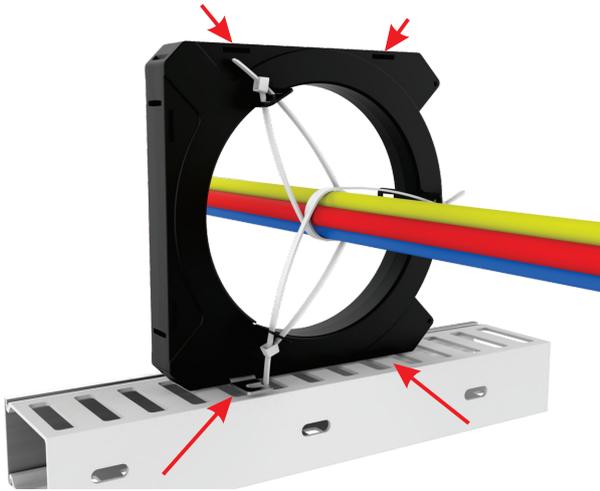


Analyze

Product Features:

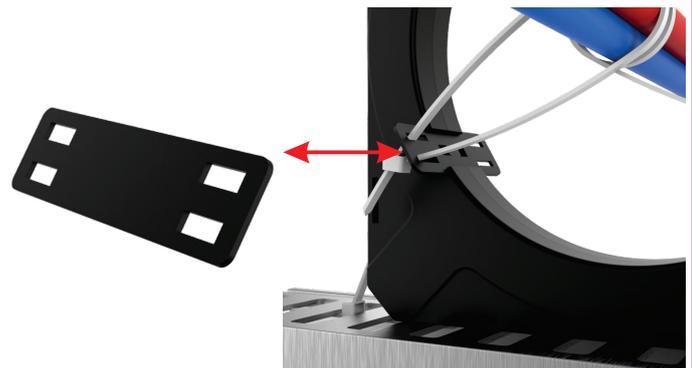
► Cap for Connector

Protective cap for connectors on either side of the CT ensures that the terminal is well covered from external entities. The cap also contains provision for sealing.



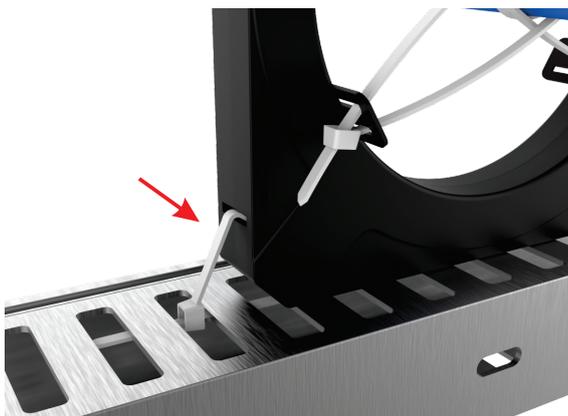
◄ Side Mounting Provision

CBCT can be mounted both horizontally as well as vertically considering the practical challenges occurred while on site installation.



► Cable tie Clips

Cable tie clips are located on the CT to ensure that the busbar/cable is centrally aligned so as to get absolute output. The Cable tie clip should be ordered separately



◄ Vertical Cable Tie Mounting

Vertical mounting is basically provided in all categories of CT, although vertical mounting with the help of cable tie gives more flexibility while on site installation.



Measure



Control



Record

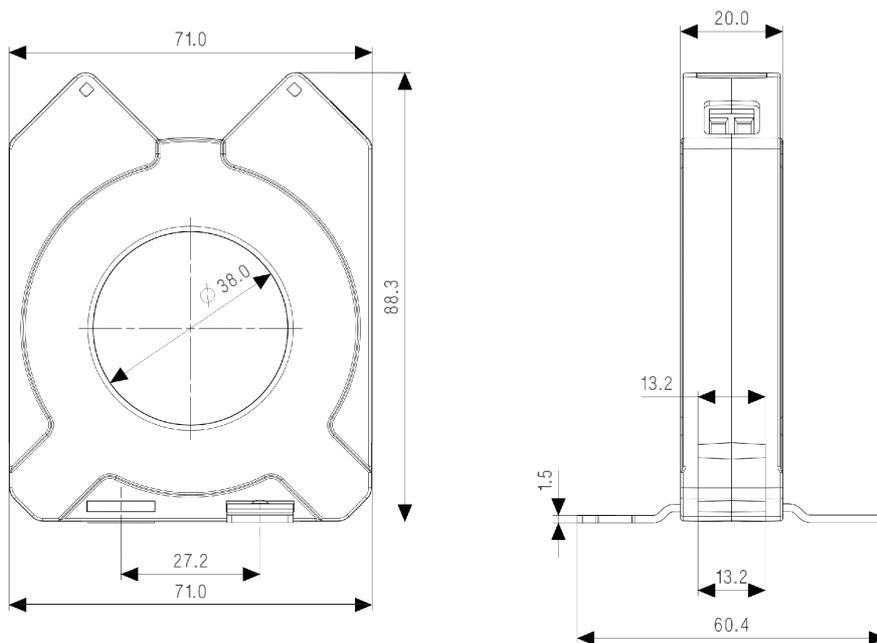


Analyze

RISH CBCT 38



DIMENSIONAL DETAILS:



Ordering Code : CB08-0101000000000



Measure



Control



Record

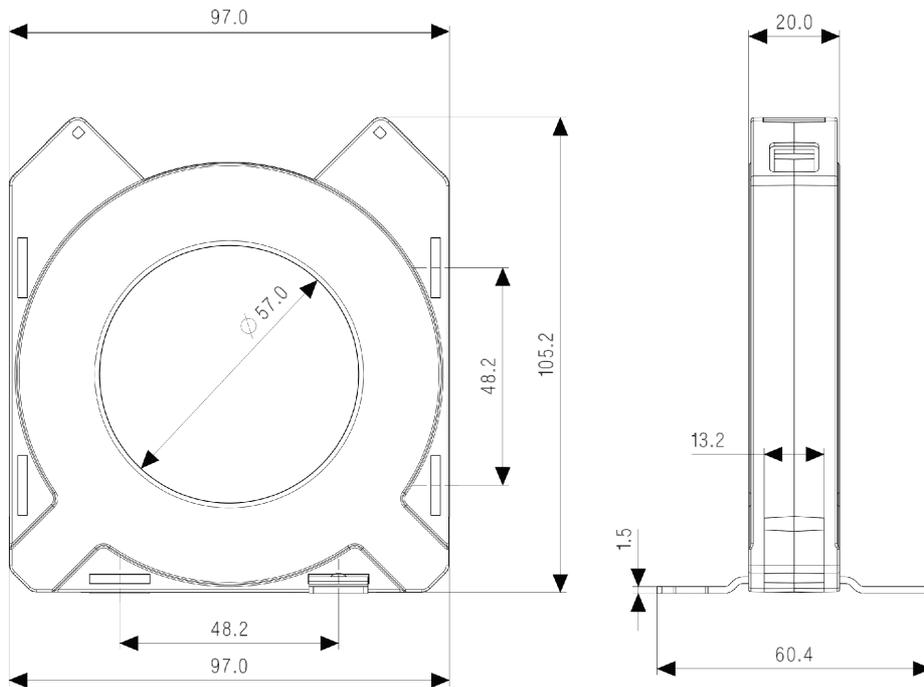


Analyze

RISH CBCT 57



DIMENSIONAL DETAILS:



Ordering Code : CB09-010100000000



Measure



Control



Record

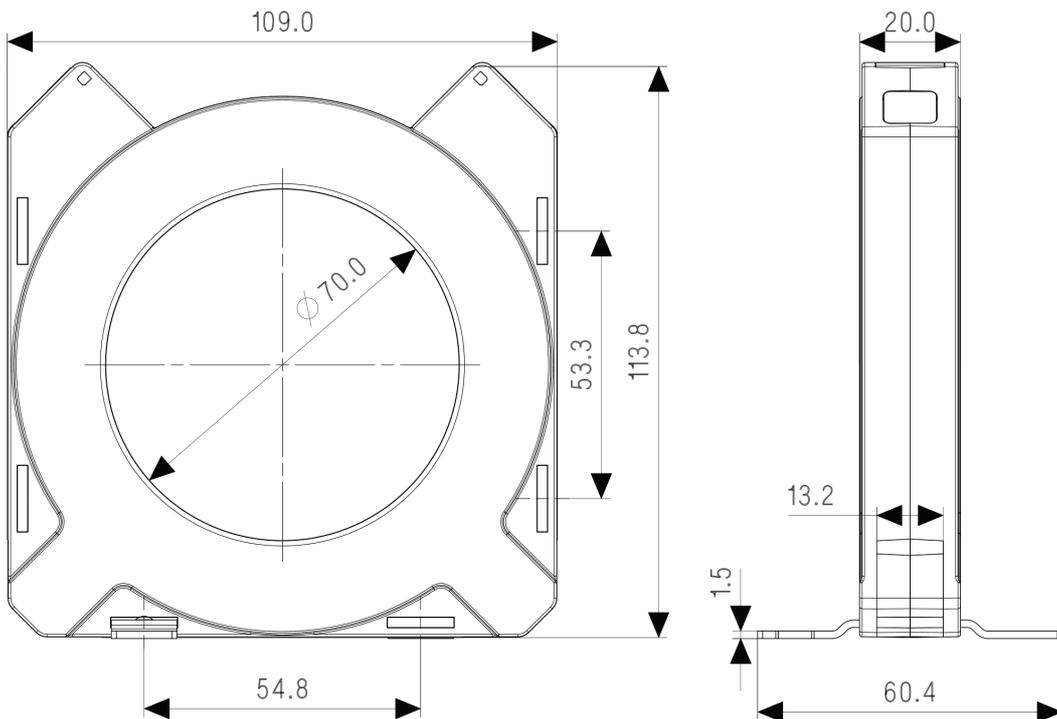


Analyze

RISH CBCT 70



DIMENSIONAL DETAILS:



Ordering Code : CB10-0101000000000



Measure



Control



Record

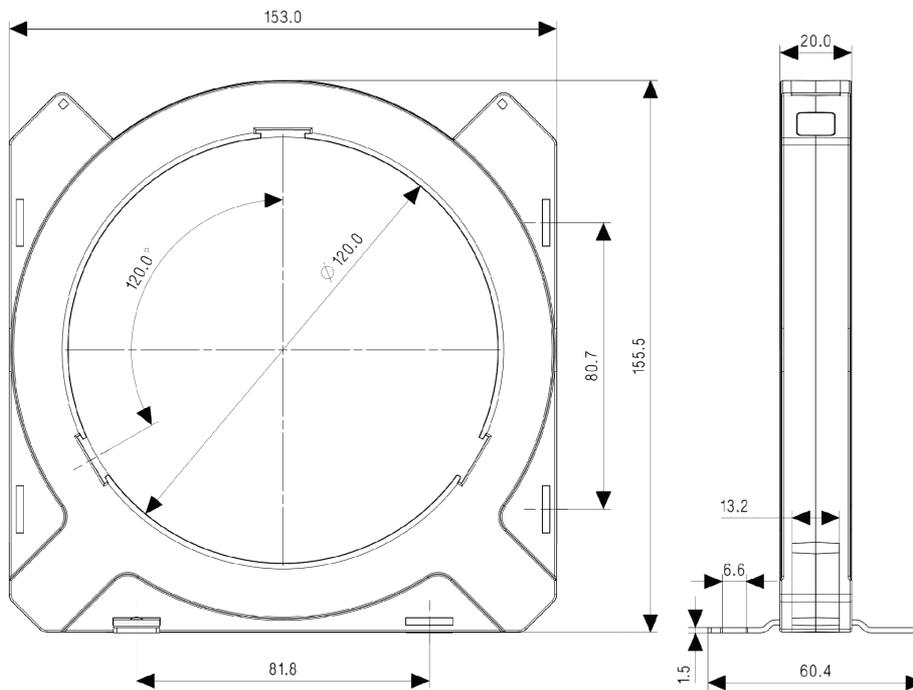


Analyze

RISH CBCT 120



DIMENSIONAL DETAILS:



Ordering Code : CB11-0101000000000



Measure



Control



Record

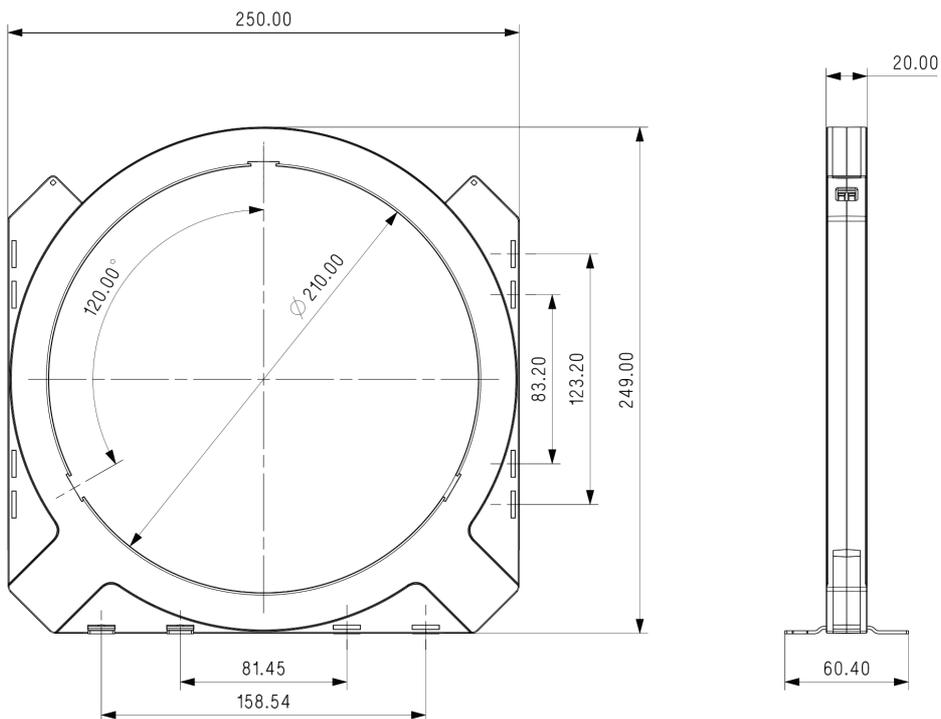


Analyze

RISH CBCT 210



DIMENSIONAL DETAILS:



Ordering Code : CB12-0101000000000



Measure



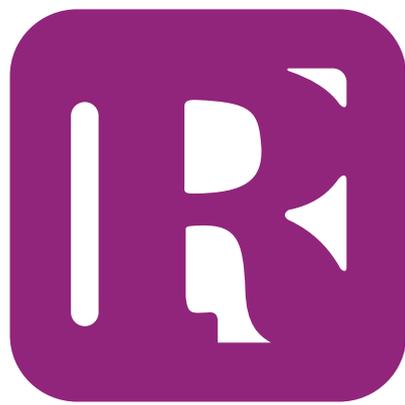
Control



Record



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