



Technical Data Sheet

Delta Clip A/ Clip B



Delta on CT 1000/5A

Delta-on CT 1000 A should be used as accessories for Gamma series.

Delta on CT 1000 A/1A

Delta -on CT 1000 A should be used as accessories for Gamma series.

Delta Clip A/ Clip B measures current without interrupting the conducting line. They are used for electrically isolated measurement of alternating current within a broad range, without interrupting the current conducting cable and bus bars.

Special Features

- Safety in accordance with IEC 61010-1.
- Minimum transformation ratio error.
- Compact, handy design.
- Permanently connected safety cables.

Application

Delta Clip A / Clip B measures current without interrupting the conducting line. They are used for electrically isolated measurement of alternating current within a broad range, without interrupting the current conducting cable and bus bars.

Measurement

Delta Clip A / Clip B Clamp on CT measures AC current without interrupting the conducting line. The opening contact of both the core which become visible when trigger is pressed, must be always kept clean. Even small outside particles can deviate measuring accuracy. The measuring secondary long cables with contact- protected connection plugs, which electrically isolates the measurement of AC current without interruption.

Specifications

Delta on current transformer		
Type	CT 1000 A/1A	CT 1000A/5A
Description / Application	The current transformers are used for electrically isolated measurement of alternating current with in broad range. It is possible to measure AC current without interrupting the current conducting cable and bus bars via hard wired leads with contact protected plugs.	
Nominal Primary Current	1-1000 A AC	1-1000 A AC
Output signal	1mA AC / A AC	1 mA AC / A AC
Used with	Delta multi series	Delta multi 12s
Transmission ratio Input Output	1000:1	200:1
Accuracy max. error	Class 1 (2.5 VA) (for current range from 1A to 1000A, 50Hz)	Class 1 (2.5 VA) (for current range from 1A to 1000A, 50Hz)
Max. operating Voltage	CAT III 600 V as per IEC-61010	CAT III 600 V as per IEC-61010
Frequency range	40Hz....1kHz	40Hz....1kHz
Jaw opening / conductor diameter	43 mm/ Diameter 43 mm	43 mm/ Diameter 43 mm
Dimensions (WXHxD)	(92 X 39 X 220) mm	(92 X 39 X 220) mm
Weight	Approx 650 gms	Approx 650 gms
Cable length	1.5 meter	1.5 meter

Periodic Check-up

The clamp on CT does not require any specific maintenance. While cleaning, the probes must not be immersed into any liquid. No special maintenance is required for housing. The surface between the opening jaws should be cleaned with dry cloth before operating. Avoid use of cleansers, abrasives or solvents.

Safety Features & Precautions



- Application around & removal from
HAZARDOUS LIVE conductor is permitted

The Delta Series on current transformers are constructed with safety rules of IEC 61010-1. When in operation the safety of user and unit is assured. Also when the secondary circuit is interrupted, the Clamp has a Protection circuit which prevents high voltage to be generated. Before operating read completely the instruction manual. These instruction must be followed by users in all respects. In case of incorrect use or careless handling, the safety of both user and clamp is not assured.

Ordering Information

Product Code	DT 90-	X	X	0000000000
Type	Clip On CT 1000/1A	2		
	Clip On CT 1000/5A	3		
Accuracy Class	Class 1.0		1	



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