



SINCE 1952



Current transformers - Special category

Cable/passing bar single-phase current transformers



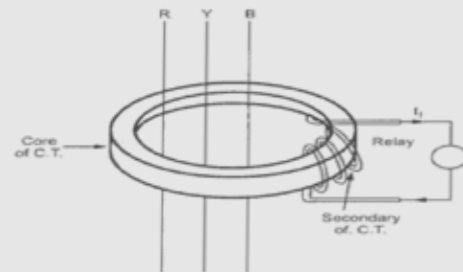
ZERO SEQUENCE CBCT CURRENT TRANSFORMER (MLC RESIN TYPE)

Zero-sequence CT is made to work with microcomputer protection device, motor protection device, and relay, as a ground fault protection set, protecting and monitoring power supply and distribution systems. Rectangular window. Mainly suitable for single or multiple bus-bar applications. High accuracy class and large burden rating. Easy installation (onto the bus-bar). For power supply and distribution systems of up to 660V.

Technical features

SPECIFICATIONS	
Reference specification	IEC60044-1; IEC 61869-2; NTC 2205; ANSI C57.13; GB1208-2006
Rated primary current I _{pr} :	100A TO 6000A
Working frequency:	47...63Hz
Rated continuous thermal current I _{cth} :	100% I _{pr}
Rated short-time thermal current I _{th} :	< 60I _{pr}
Rated dynamic current I _{dyn} :	2,5I _{th}
Accuracy class for protection/ metering:	5p10, 10p10, 5p20, 10p20, 0.2s, 0.5
Rated secondary current I _s :	5A /1A
burden	≤ 25va
Allowed max cable or busbar temperature:	125°C
INSULATION REQUIREMENTS	
Type	Dry transformer, air insulation
Highest voltage for equipment U _m :	0.72kV r.m.s.
Rated insulation level:	3kV r.m.s. 50Hz/1min
ENVIRONMENTAL CONDITIONS	
Nominal temperature range:	-25...50°C
Limit temperature range for storage:	-40...85°C
Relative humidity:	≤ 85%
Suitable for tropical climates	yes
CONNECTION	
Primary winding:	Passing bus bar
Secondary winding:	tightening by nut M4
MECHANICAL FEATURES	
Housing material:	MLC RESIN TYPE / TAPE WOUND
Mounting:	screw type on bar
Weight:	

Wiring diagrams



DIMENSIONS

All the required sizes can be met as the moulds will be especially designed for the same purpose in resin cast series.

FICO HI-TECH (PVT) LTD DATA SHEET

NOTE: On request orders for types different from table are accepted. 1A Secondary available



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