

MINI CURRENT SENSOR TRANSFORMER

FEATURES:

- High ratio
- Standard footprints

COMMON APPLICATIONS:

- AC energy Meter Power transducer RTU
- Protection current transformer
- AC kilowatt hour meter
- Electronical monitoring system



ELECTRICAL CHARACTERISTICS:

Part Number	Rated primary current(A)	Turns ratio	DCR (Ω)	Vmax	Frequency	Fig
General purpose vertical PCB current transformers						
FZCT401-1000	10	1000:1	49	1.5	20-1KHz	Fig1
FZCT410-1000	20	1000:1	41	2.1	20-1KHz	Fig2
FZCT420-1000	50	1000:1	22	3.8	20-1KHz	Fig3
FZCT448-2000	50	2000:1	106	10.2	20-1KHz	Fig3
FZCT449-1000	50	1000:1	35	6.8	20-1KHz	Fig3
FZCT449-2000	75	2000:1	83	12.8	20-1KHz	Fig4
FZCT450-1000	100	1000:1	21	10.7	20-1KHz	Fig4
FZCT450-2000	200	2000:1	73	14.6	20-1KHz	Fig5
High frequency vertical PCB current transformers						
FZCT448-2000-F	50	2000:1	90	4.1	20-200KHz	Fig3
FZCT449-2000-F	75	2000:1	109	7.4	20-200KHz	Fig4
FZCT450-2000-F	100	2000:1	63	10.3	20-200KHz	Fig4
Revenue grade vertical PCB current transformers						
FZCT448-2500-N	40	2500:1	134	2.3	20-1KHz	Fig3
FZCT449-2500-N	50	2500:1	187	2.4	20-1KHz	Fig3
FZCT450-2500-N	75	2500:1	160	4.8	20-1KHz	Fig4
FZCT459-2000-N	200	2000:1	74	7.2	20-1KHz	Fig5
Ground fault vertical PCB current transformers						
FZCT401-1000-G	4	1000:1	49	0.4	20-1KHz	Fig1
FZCT410-1000-G	7	1000:1	38	1.1	20-1KHz	Fig2
FZCT420-1000-G	20	1000:1	44	1.7	20-1KHz	Fig3

Notes:

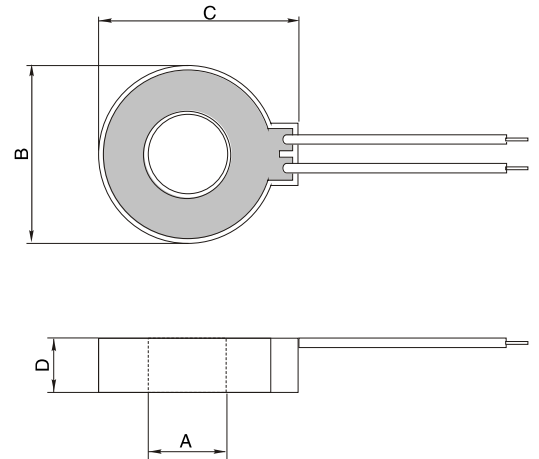
Vmax: Maximum voltage(saturation) CT will develop

TECHNICAL INFORMATION:

- Maximum continuous primary current 4 x rated current
- Storage Temperature: -45°C to +85°C
- Operating temperature general purpose & nickel: -40°C to +85°C
- Operating temperature high frequency: -40°C to +65°C
- Marking: Part number and date code

Note: All specifications subject to change without notice.

TECHNICAL INFORMATION



DIMENSIONS IN:mm

	A	B	C	D
Fig1	6.5	16.7	18.9	7
Fig2	9.2	22	25	8.3
Fig3	8.1	26	28.5	13.3
Fig4	12.7	36	40.4	18.7
Fig5	19.6	47.0	49.7	17.3

ELECTRONICAL SCHEMATIC

