

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



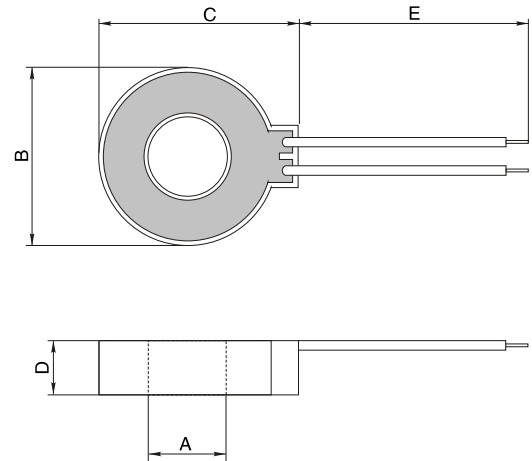
ELECTRICAL CHARACTERISTICS:

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

Notes:

Vmax: Maximum voltage(saturation) CT will develop

TECHNICAL INFORMATION



DIMENSIONS IN:mm

	A	B	C	D	E
FZCT401	6.99	17.53	22.35	8.26	75.08
FZCT410	9.0	22.0	27.8	8.20	73.0
FZCT420	15.0	30.0	36.0	9.20	100.0
FZCT448	7.11	23.42	29.46	11.05	100.0
FZCT449	9.14	26.0	31.8	17.0	100.0
FZCT450	3.08	36.83	43.18	13.97	88.9
FZCT459	19.0	48.0	60.0	17.5	200.0

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.

ELECTRONICAL SCHEMATIC

