

Current Transformers for SIA-B, REJ603 Self powered Relays

EPOXY RESIN CURRENT TRANSFORMER

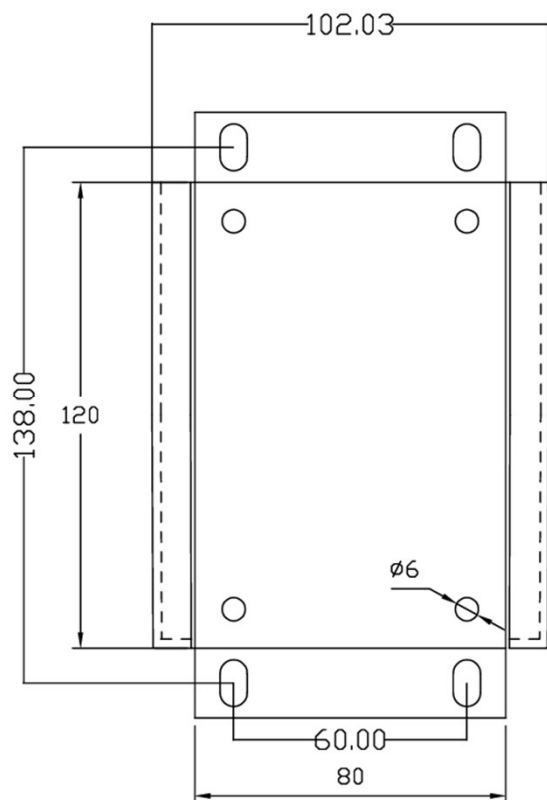
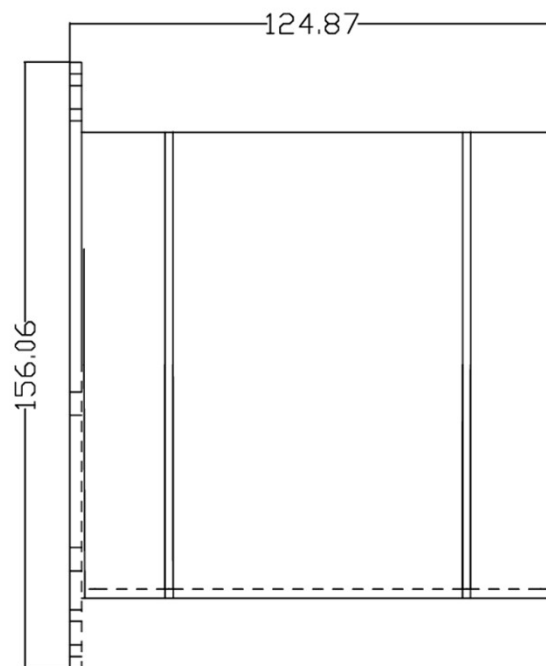
The low power switchgear CT's are specially designed for application in Medium Voltage installations as RMU's. This EPOXY RESIN transformer is cost effective and very reliable. It is designed for dynamic loads and applicable for the CT powered relays. This CT is suitable for FANOX SIAB Protection Relays, ABB REJ603 Protection Relay..

Special CT

Type	Ratio	In Range	Class
CT08-5 (CT1)	7.2/0.075	3-33 A	10P30
CT16-5 (CT2)	14.4/0.075	6-65 A	10P80
CT32-5 (CT3)	28.8/0.075	12-130 A	5P80
CT64-5(CT4)	57.6/0.075	25-260 A	5P80
CT128-5(CT5)	115.2/0.075	51-520 A	5P80

• Rated insulation level	• 0.72/3kV
• Highest voltage for equipment Um	• 0.72kV
• Rated power – frequency withstand voltage (RMS)	• 3kV
• Rated frequency fn	• 50/60Hz
• Rated primary current Ipn	• 7.2-115.2A
• Rated secondary current Isn	• 0.075A
• Test winding	• 0.288A
• Accuracy class with relay type REJ603, Fanox	• 10P30 or 10P80, 10P70 or 5P80
• Rated burden	• 0.05-0.1VA
• Rates short time thermal Ith, 1s	• 20kA
• Rated dynamic current Idyn	• 62.5kA
• Insulation class	• E
• Protection	• IP20
• External dimensions DxdxLxH	• 100x50x120x156
• Weight	• Around 4.8kg
• Working temperature range	• -25°C ~ 70°C
• Standard	• IEC60044-1
• Material	• ABS + Epoxy

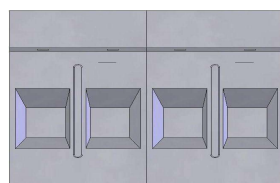
Model	DxdxLxH	Ratio	Class	Burden(VA)
KDE-RMU-10050C-7.2/0.075-10P30-0.1(CT1)	100x50x120x156	7.2/0.075	10P30	0.1
KDE-RMU-10050C-14.4/0.075-10P80-0.1 (CT2)	100x50x120x156	14.4/0.075	10P80	0.1
KDE-RMU-10050C-28.8/0.075-5P80-0.1 (CT3)	100x50x120x156	28.8/0.075	5P80	0.1
KDE-RMU-10050C-57.6/0.075-5P80-0.1 (CT4)	100x50x120x156	57.6/0.075	5P80	0.1
KDE-RMU-10060C-115.2/0.075-5P80-0.1 (CT5)	100x60x120x156	115.2/0.075	5P80	0.1



KDE-RMU-(CT1-CT5)

Terminal marking

S1	S2	C	D
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	Terminal	Ratio	Burden	Class
Measurement	S1-S2	7.2~115.2/0.075	0.1VA	10P30-5P80
Test Winding	C-D	7.2~115.2/0.288		