

Medium Voltage Extended Range Current Transformer MV ERCT

15 kV - 69 kV

Built upon the same technology as the Ritz high-voltage ERCT, the MV ERCT uses the state-of-the-art core material **Dynalloy** to achieve an accuracy range unmatched by other available solutions.

The **Dynalloy** core/coil design is used within the Ritz standard CT molds, so the MV ERCT is physically the same as the standard Ritz MV CT offering. Please refer to the individual product brochures for physical information.

Inventory Savings Design Standardization

The Ritz MV ERCT is available from 15 kV through 69 kV, in two current ratings per voltage class. With these two ratings a utility can cover almost any metering requirement, thus reducing the number of different CTs used to one or two designs per voltage class. This means that the total number of units per voltage class required in inventory can be reduced.

More Accurate Metering

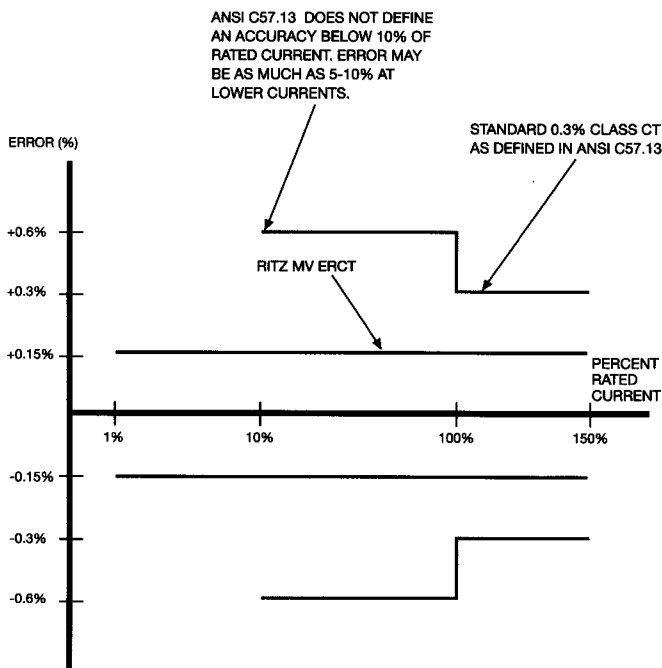
Since the MV ERCT is accurate from 1% to 15% rated current with up to a 1.8 ohm burden applied, you can be confident of accurate metering, even down to very low current levels. This is important when metering customers with heavy peak loads and light off-peak loads or when used for generation metering.

Ratings Available from 15 kV to 69 kV

	Type 1	Type 2
Ratio	200:5 A	1000:5 A
Accuracy/Burden	0.15B1.8	0.15B1.8
Accuracy Range	1% to 150% I_{rated} (2A to 300A)	1% to 150% I_{rated} (10A to 1500A)
Rating Factor	1.5	1.5

Catalog Numbers

15 kV GIFU 15-01	111553001.79151	111553001.76747
25 kV GIFU 25-01	112053001.79153	112053001.79152
36 kV GIFS 36-55	113026055.79155	113026055.79154
46 kV GIF 48-58	114526058.79157	114526058.79156
69 kV GIF 72-68	116026068.79159	116026068.79158



MV ERCT PERFORMANCE VERSUS A TYPICAL CT AS DEFINED IN ANSI C57.13

QUALICAST

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