## ME-015

## 15 kV METERING UNIT

THE ME/MK series metering units are outdoor. three-phase. polemounted metering racks.

The rack is made of lightweight aluminium designed to mount on poles in an upright position. It includes two galvanized steel mounting bolts for attaching the metering unit to the pole, with pole diameters available from 8" to 14". Optional galvanized steel structures and/or other pole diameters are available upon request.

ME series incorporate 3 current transformers mounted vertically and 3 voltage transformers mounted horizontally. Their core is encapsulated with Type B epoxy resin which provides excellent internal dielectric properties and mechanical strength. The external layer of Cycloaliphatic Epoxy Resin (CEP) provides resistance to ultraviolet rays and the effects of tracking and erosion on the exterior of the transformer ensuring a long mechanical and electrical life. The transformer is maintenance free.

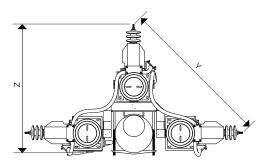
The external layer can be manufactured with Hydrophobic Cycloaliphatic Epoxy Resin (HCEP) which improves service life expectancy due to its improved tracking and erosion resistance. HCEP additionally increases the transformer's weatherability and offers better performance in heavily polluted environments.

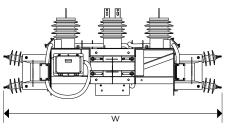
The core is built with high permeability grain oriented silicon steel laminations for low losses. The windings are copper wire with copper plate double isolation. The concentric distribution of the coils prevents magnetic flux leakage. achieving greater accuracy and higher capacity to withstand mechanical stresses in adverse operating conditions.

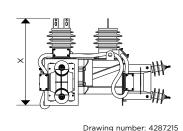
Partial Discharge measurements exceed the IEEE, CAN/CSA and IEC requirements.



OUTDOOR 60 Hertz







	PRII	MARY TERMINAL CT	PRIMARY TERMINAL VT		GROUND CON	NECTOR	SECONDARY TERMINAL	
CONN								
		Type: NEMA-2 Material: Copper	Type: TE-4T Material: Copper Range: 8SQL-4TRE		Type: TE-12-250 Material: Copper Range: 4TRE-250MCM		Type: Quick Connector Material: Brass	

## ME-015

## 15 kV METERING UNIT

Characteris	tics								
	Transformers		Code * (CEP)		Dimensions (in)				Weigth with
Туре	Current	Potential	With FUSE in the secondary box	Without FUSE in the secondary box	W	×	Y	Z	Aluminium rack (lb)
ME-015	CRB-17	URL-17	771000009	771000017	82	32.25	58	48.75	520
ME-015	CRB-17	VRL-17	771000010	771000018	81.19	32.25	57.43	48.31	531
ME-015	CRB-17	URJ-17	771000011	771000019	80.5	32.50	56.87	47.94	564
ME-015	CRB-17	VRJ-17	771000012	771000020	81	32.50	57.31	48.25	564
ME-015	CRE-17	URL-17	771000013	771000021	82	32.68	58	48.75	579
ME-015	CRE-17	VRL-17	771000014	771000022	81.19	32.68	57.43	48.31	590
ME-015	CRE-17	URJ-17	771000015	771000023	80.5	32.68	56.87	47.94	623
ME-015	CRE-17	VRJ-17	771000016	771000024	81	32.68	57.31	48.25	623

\* For HCEP Option add (-H) to the end of the code number.

Approximate dimensions in inches.

For detail electric characteristics see particular instrument transformer detail in its data sheet within this publication.

Notes:	