

## TIEPCO – PAD MOUNTED METERING UNIT

The TIEPCO Pad Mounted Metering Unit conforms to the latest IEC 602271-200 standard and is designed and manufactured utilizing the in house expertise and state of the art technology, fully taking into account the specific requirement of utility for revenue metering of large industrial consumers.

### Characteristics:

- Metal-enclosed, air-insulated switchgear.
- Suitable for medium voltage distribution.
- Guaranteed arc-proof units.
- Tested in accordance with the main international Standards.
- Complete with mechanical safety interlocks.
- Available in 17.5kV and 36KV ratings.
- Configured for incoming cable and metering compartment having medium voltage instrument transformers and suitable outgoing feeder with disconnect or direct connection.
- Main busbar rating up to 630A and short time rating up to 25KA.
- Outdoor installation.



### Technical Specification

<b>Rated Voltage</b>	17.5KV	36KV
<b>Operating Voltage</b>	14.4KV	34.5KV
<b>Impulse Withstand Voltage</b>	95KV	170KV
<b>Power Frequency Withstand Voltage</b>	38KV	70KV

<b>Rated Frequency</b>	60Hz
<b>Short Time Current</b>	25KA /1SEC
<b>Peak Rated Current</b>	62.5KA
<b>Busbar Current</b>	UP TO 630A
<b>Internal Protection Degree</b>	IP3X
<b>Outdoor Enclosure Protection Degree</b>	IP54
<b>Accessibility</b>	FRONT
<b>Busbar Treatment</b>	BARE COPPER
<b>Door &amp; Front Of Switchgear Paint</b>	RAL 7033
<b>Outdoor Enclosure Color Finish</b>	MUNSELL GREEN
<b>Switchgear Structure</b>	GALVANIZED
<b>Cable Inputs</b>	BOTTOM
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<b>Development</b>	SINGLE BUSBAR SYSTEM
<b>SERVICE CONDITION</b>	
<b>Altitude</b>	UPTO 1000M ABOVE MEAN SEA LEVEL
<b>Ambient Temperature</b>	FROM -5°C TO +40°C
<b>Humidity</b>	AVERAGE VALUE OVER 24H < 95%
<b>Environment</b>	NORMAL UNPOLLUTED
<b>APPLICABLE STANDARD</b>	<b>IEC 62271-102, 103 &amp; RC SPECS. 16409</b>