

## TIEPCO - LOW VOLTAGE CONTROL KIOSK

The TIEPCO Low Voltage Switchgear conforms to the latest IEC 60439-1 standard and is designed and manufactured utilizing the in house expertise and state of the art technology, fully taking into account the control requirements of industrial customer.

TIEPCO LVP has the following salient features:

- Is up to 1000VAC,
- Main busbar rating up to 400A with density of 1.5Amp/mm<sup>2</sup> or as per customer needs.
- Up to 36KA, indoor or outdoor installation,
- Form 1 for customer safety requirement.
- High reliability as designed to the excessive temperature of the region.
- Easy handling as control switches and monitoring equipment are installed at a height appropriate for user.

### Technical Specifications:

Standard	IEC-60439-1
Rated insulation voltage	1000VAC
Rated voltage	690VAC
Altitude	Up to 1000m ASL
Installation	Indoor
	Outdoor
System	3Ø,4W+G(Neutral bus=half capacity of phase bus, Ground bus=max .50x10)
Rated Phase Busbar current	up to 400A (Density of 1.5Amp/mm <sup>2</sup> ) bare



<b>Form</b>	1
<b>Cable entry</b>	Bottom
<b>Auxiliary Control circuits</b>	220VAC, internal(control transformer/direct to busbar)
<b>Equipment mounting</b>	Fixed
<b>Protection degree outer cover</b>	IP65
<b>Protection degree inner partitions</b>	IP20
<b>Paint</b>	RAL 7035 / RAL 7033
<b>Connection Access</b>	Front
<b>Busbar identification</b>	RYB phase marking
<b>Labeling</b>	Phenolic (with WBW or BWB) riveted