

-  COMMUNICATIONS
-  **ENERGY**
-  SPECIAL INDUSTRIES
-  SOLAR



**DISTRIBUTION**



**POLE MOUNT  
TRANSFORMERS**

## Pole Mount Transformers

PLP supply our standard range includes transformers from 10 to 500kva with primary voltages of 11, 22 and 33kV in single phase, single phase SWER, 3 phase or dual ratio.

Pole Mounted Distribution Transformers sourced from Strategic alliance partner, Toshiba Transmissions and Distribution - India (Hereafter TTDI) - TTDI is the largest manufacturer of Distribution Transformers in India with a 5000+ workforce in the company's vertically integrated plants.

The product is designed and fully type tested to Australian Standard AS60076 and local customer expectations.

Designs are reviewed and the product inspected by local Australian transformer experts to ensure compliance and fit to local expectations.

### TTDI ACCREDITATIONS

- AS/NZS ISO9001-2008
- Quality Management Certificate
- OHSAS 18001-20017
- OHS Management Systems Certificate
- ISO 14001-2014
- Environmental Management Certificate

### TECHNICAL SPECIFICATIONS & FEATURES

- Single phase, SWER designs and Three phase
- Rating: 10 to 500kVA.
- Primary nominal voltage rating: 11kV to 33kV
- Secondary Voltage rating:  
Single phase & SWER 500- 250V  
Three phase : 433V
- Fully sealed tanks
- Efficiency to MEPS as per AS2374.1.2 (where applicable)

### KEY MATERIAL SELECTION

- PLP offer both High Efficiency Amorphous Metal and Conventional CRGO Cores
  - PLP offer both Aluminium and Copper windings
- \* depends upon on the customers efficiency expectations and cost needs.



### STANDARD FITTINGS to ENA doc 007

- Porcelain Primary and Secondary bushings
- +4/-2 x 2.5% steps off load tapping switch
- Lifting lugs and hanging brackets
- Rating and Diagram plate
- Oil level indicator\*
- Earth terminal
- Mineral oil

### SPECIAL OPTIONS AVAILABLE (upon request)

- Special Bushing materials
- Special tap switch steps or dual voltage products
- Special oils for high risk and environmentally sensitive areas (for example FR3)
- Completely Self Protection system integrated into the transformer that improves equipment utilisation and protection and reduces total network cost  
\*depending on size of unit
- High efficiency to MEPS as per AS2374.1.2

# Pole Mount Transformers

- All units have pole bolt mounting to ENA doc 007 as a standard
- All Single phase, SWER and three phase up to 63KVA have lid mounted primary bushings as a standard
- SWER isolators and >63KVA three phase are front mounted Primary bushings as a standard
- For alternative Bushing, pole mounting arrangements or other special requirements, please call for part numbers



Single phase	11KV	22KV	33KV
10KVA	TX1PS-0010AA-001	TX1PS-0010BA-001	TX1PS-0010CA-001
16KVA	TX1PS-0016AA-001	TX1PS-0016BA-001	TX1PS-0016CA-001
25KVA	TX1PS-0025AA-001	TX1PS-0025BA-001	TX1PS-0025CA-001
50KVA	TX1PS-0050AA-001	TX1PS-0050BA-001	TX1PS-0050CA-001*
63KVA	TX1PS-0063AA-001*	TX1PS-0063BA-001*	NA

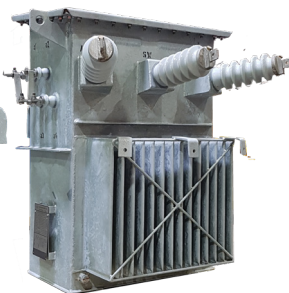


SWER	11KV	12.7KV	19.1KV
10KVA	TXSPS-0010AA-001	TXSPS-0010BA-001	TXSPS-0010CA-001
16KVA	TXSPS-0016AA-001*	TXSPS-0016BA-001*	TXSPS-0016CA-001*
25KVA	TXSPS-0025AA-001	TXSPS-0025BA-001	TXSPS-0025CA-001
50KVA	TXSPS-0050AA-001	TXSPS-0050BA-001	TXSPS-0050CA-001



Three Phase - Dyn11	11KV	22KV	33KV
25KVA	TX3PS-0025AA-001	TX3PS-0025BA-001	TX3PS-0025CA-001
63KVA	TX3PS-0063AA-001	TX3PS-0063BA-001	TX3PS-0063CA-001*
100KVA	TX3PS-0100AA-001	TX3PS-0100BA-001	TX3PS-0100CA-001
200KVA	TX3PS-0200AA-001	TX3PS-0200BA-001	TX3PS-0200CA-001*
315KVA	TX3PS-0315AA-001	TX3PS-0315BA-001	TX3PS-0315CA-001
400KVA	TX3PS-0400AA-001	TX3PS-0400BA-001	TX3PS-0400CA-001*
500KVA	TX3PS-0500AA-001*	TX3PS-0500BA-001*	TX3PS-0500CA-001*

SWER Isolators 12.7KV	11KV	22KV	33KV
100KVA	TXIPS-0100MA-001	TXIPS-0100NA-001	TXIPS-0100OA-001
200KVA	TXIPS-0200MA-001	TXIPS-0200NA-001	TXIPS-0200OA-001



SWER Isolators 19.1KV	11KV	22KV	33KV
100KVA	TXIPS-0100PA-001	TXIPS-0100QA-001	TXIPS-0100RA-001
200KVA	TXIPS-0200PA-001	TXIPS-0200QA-001	TXIPS-0200RA-001

\*Non-preferred and/or low volume item

# DISTRIBUTION



**PREFORMED**  
LINE PRODUCTS

**Preformed Line Products (Australia) Pty Ltd**  
**ABN: 27 004 533 877**

190 Power St. Glendenning, NSW 2761 Australia  
PO Box. 626 St. Marys, NSW 1790 Australia

P: +61 2 8805 0000  
E: [sales@preformed.com.au](mailto:sales@preformed.com.au)  
[www.preformed.com.au](http://www.preformed.com.au)

Transformer Products Overview Brochure, Published May 2019