

**Tx15 COST-EFFECTIVE TIER 1
2015 ECO DESIGN COMPLIANT**

DISTRIBUTION TRANSFORMERS



THE PERFECT CHOICE FOR BUDGET SENSITIVE PROJECTS

No longer manufactured since July 2021
(Tier 2 Compliance). Stock and refurbished
options available.

We provide a comprehensive range of cold
rolled grain oriented (CRGO), double wound
distribution transformers that can be supplied
both liquid filled (Oil or Midel) or dry type
(Cast Resin).

QUALITY STANDARDS COMPLIANCE

Committed to continuous improvement, we
are following global material, technology and
application developments closely, ensuring
that the low loss transformers we supply are
designed to comply with and satisfy the high
demands of modern distribution networks.

The transformers we supply are in accordance
with internationally recognised standards (BS
and IEC) and comply with the EU Eco Design
Directive for transformers (where applicable).

We have worked with ENW Construction
and Maintenance over many years, recently
upgrading two large transformers and have
realised substantial and significant savings.

ELECTRICAL MAINTENANCE MANAGER
LARGE FOOD PROCESSING PLANT

*Transformers are manufactured in accordance with internationally recognised standards for electrical
transformers (BS and IEC). Extended warranty times can be provided where required.

ACT NOW

to replace your current
transformer with a compliant
asset meeting the latest
eco-design regulations.
All new transformers are
manufactured to Tier 2
compliance since
July 2021.

12 MONTH GUARANTEE

Our Tx15 CRGO
Transformers come with
an industry leading
12 month guarantee
from dispatch*



electricity
north west

Construction and Maintenance



TYPICAL APPLICATIONS

Step Down Distribution Transformers
Step Up Generation Transformers
Wind Farm Transformers
Solar PV Farm Transformers
Motor Starting Transformers
6 Pulse and 12 Pulse Rectifier Transformers
Earthing Transformers
Isolation Transformers

TYPICAL ACCESSORIES

Oil Temperature Indicator (OTI)
Winding Temperature Indicator (WTI)
Magnetic Oil Level Gauge (MOG)
Forced Fan Cooling
Marshalling Box
Pressure Relief Device (PRD)
AVR Relay and Control Panel
Bi-Directional Rollers
Radiator Valves
Dehydrating Breather

FEATURES & BENEFITS

ADVANCED GRGO TECHNOLOGY

SHORT LEAD TIMES

PROVEN QUALITY AND RELIABILITY

LONG LIFE CYCLE WITH LOW MAINTENANCE

TECHNICAL CHARACTERISTICS

OIL OR MIDEL IMMERSED DISTRIBUTION TRANSFORMERS	IP 00 core and coils or enclosure with IP protection
MANUFACTURING STANDARDS	BS, IEC or custom specification
RATED POWER	315 kVA up to 4 MVA
PRIMARY VOLTAGES TYPICALLY	3.3, 6.6, 11, 11/6.6 dual, 33 kV
SECONDARY VOLTAGES TYPICALLY	280, 340, 400, 415, 433, 480, 690 V or custom specification
PHASES	Three phase transformers
OFF-LOAD TAP CHANGERS	Extended tapping range from -5% to +7.5% with 2.5% increments (other ranges or on-load tap changers on request)
VOLTAGE REGULATION	Via offload tapchanger (onload tapchanger with AVR relay on request)
RATED FREQUENCY	50 or 60 Hz
VECTOR GROUPS	Dyn11 or any other vector group as per IEC 60076
TEMPERATURE RISE	60/65C or custom specification
COOLING TYPE	ONAN (oil natural air natural) or other types of cooling such as ONAF, KNAN, KNAF etc on request
RADIATORS	Corrugated or bolt on panel radiator tanks
HV & LV TERMINALS	Air cable box type or open bushings on request
INSTALLATIONS	Indoor and/or outdoor
SOUND LEVEL	As per ENATS 35

Call:
0845 0702520
to arrange your survey now or email us at:
sales@enwcml.co.uk

For more information about our products and services visit: www.enwcml.co.uk

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Construction and Maintenance