

SMART BUILDINGS RELEASE NOTE, JANUARY 2023

General Purpose Three-Phase LV Dry Type Transformers

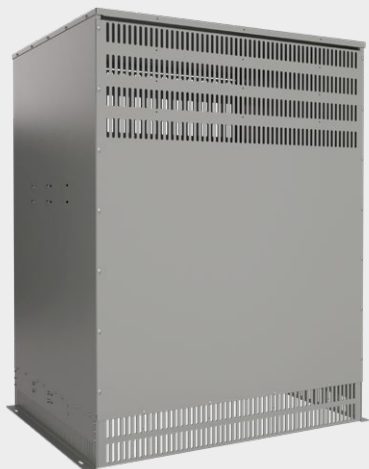


ABB is pleased to announce the release of new 750 kVA line of General Purpose Three-Phase transformers. These units join our comprehensive family of transformers designed to provide long life, quiet and reliable operation.

Application

Indoor or outdoor (with optional rain shield kit) three-phase step-down transformer installations.

Voltages are 480 - 208Y/120 or 600 - 208Y/120.

Target markets

Available for sales in the United States, Canada and Mexico. 750 kVA General Purpose Transformers meet DOE 2016, Canadian NRCAN and Mexican NMX energy efficiency.

Product highlights

Safe, smart and sustainable

Safe

Outward facing feet and easy off front and back panel for rapid access during installation and service.

Smart

Lugs included and installed on terminals. Common options available such as electrostatic shielding and rain shields.

Sustainable

Outstanding UL Energy Efficiency verification with unique core and coil design using grain oriented electrical steel to lower operating costs.

Technical characteristics

- Connection: Dyn1 (-30 °)
- Voltages: (P) 480 Delta; (S) 208Y/120 or (P) 600 Delta; (S) 208Y/120
- Coil Material: Aluminum
- Temp. Rise: 150 °C; 220 °C Ins. Class; IEC 600685 Class R
- 60 Hz
- Audible sound level: ST-20 Standard (≤64 dB)
- Enclosure: NEMA 2, IP20, ANSI 61 gray
- Mechanical Structure: DOE 2016 (BIL = 10 kV both Pr. & Sec.)
- 480 Pri: Standard high kVA tap arrangement 2 FCAN and 2 FCBN at 2.5 %
- 600 Pri: Standard high kVA tap arrangement 2 FCAN and 2 FCBN at 2.0 %

Certifications

- UL 1561; 10 CFR 431 (DOE 2016)
- UL & cUL listed (XQNX:E79145 and XQNX7:E79145)
- NRCAN (CSA 802.2-18)
- Meets the energy efficiency values of NMJ-J-351-1-ANCE-2021
- UL Energy Verification – for US (ZXPC:EV519886) and Canada (ZZED:EV23760)

Production site

Nogales, Mexico

Order

Order through empower flow or quote at empower.abb.com

Availability

Open for orders January 1, 2023

Contacts

- ABB sales agent or representative
- ABB district managers
- Patti Hussey, US Product Marketing Manager
- Frank Basciano, Global Product Manager

Product information

kVA	Catalog no.	Copper electrostatic shield	Product net weight (lbs.)	Product depth (in.)	Product width (in.)	Product height (in.)	Optional rain shield kit	Outline drawing no.
3P aluminum coil; 150 °C; 480 - 208Y/120; 60 Hz; NEMA 2 enclosure, DOE/NRC								
750	9T10A1302	No	4292	48.8	60.9	76.2	9T18Y1067G06	303B112GEDYP67A
750	9T10A1302G03	Yes	4292	48.8	60.9	76.2	9T18Y1067G06	303B112GEDYP67A
3P aluminum coil; 150 °C; 600 - 208Y/120; 60 Hz; NEMA 2 enclosure, DOE/NRC								
750	9T10A2400	No	4292	48.8	60.9	76.2	9T18Y1067G06	303B112GEDYP67A
750	9T10A2400G03	Yes	4292	48.8	60.9	76.2	9T18Y1067G06	303B112GEDYP67A



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