



SMART BUILDINGS | RELEASE NOTE, APRIL 2021

General Purpose Single-phase LV Dry Type Transformers



ABB is pleased to announce the release of a new line of General Purpose Single-phase LV Dry Type transformers with 3-wire secondary voltage for 120/240 V systems. These new 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), single-phase step-down transformer installations requiring a 3-wire secondary voltage for 120/240 V systems.

Also available for 2-wire, 120/240 V applications. Primary voltages are 240 x 480.

Optional wall mount brackets are available for most models.

Target markets

Available for sale in the United States, Canada, and Mexico. General Purpose Single-phase Transformers meet, both, DOE 2016 and Canadian NRCan efficiency requirements.

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

Help make your job easier by including a lug kit and copper ground bar, so you don't have to remember to order.

Sustainable

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

Technical characteristics

- Connection: 3-wire or 2-wire secondaries
- Voltages: (P) 240 x 480 (S) 120/240
- Temp. Rise: 150 °C; 220 °C Insulation Class; IEC 60085 Class R
- Frequency: 60 Hz
- Ambient temperature: 40 °C
- Standard single-phase tap arrangement
- Painted, ANSI #61 gray NEMA 2 enclosure
- Type QL
- Audible sound level: NEMA ST-20 Standard
- Seismic Qualifications – CBC 2019 and IBC 2018; ASCE 7.05-2016
- UL 1561
- UL and cUL listed (XQNX, XQNX7:E323777)
- Energy efficiency: DOE 2016 (10 CFR Part 431)
- Energy efficiency: NRCAN (CSA 802.2-18)
- UL Energy Verification – for US and Canada (ZXPc: EV519886) (ZZED: EV23760)

Production site

Nogales, Mexico

Order

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

Availability

April 1, 2021

Contacts

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

Product information

kVA	Catalog No.	Product net weight (lbs.)	Product depth (in.)	Product width (in.)	Product height (in.)	Optional rain shield kit	Optional wall mount bracket	Outline dwg no.
1P Aluminum Coil; 150 °C; 240 x 480 - 120/240 NEMA 2 Enclosure, DOE/NRC								
15	9T33A2670	320	18.4	26.2	34.7	9T18Y1072G06	9T18Y1071G07	303B409CAP071
25	9T33A2671	320	18.4	26.2	34.7	9T18Y1072G06	9T18Y1071G07	303B409CAP071
37.5	9T33A2672	460	24	34.3	35.7	9T18Y1074G06	9T18Y1074G07	303B409CAP072
50	9T33A2673	490	24	34.3	35.7	9T18Y1074G06	9T18Y1074G07	303B409CAP073
75	9T33A2674	600	24	34.3	42.2	9T18Y1074G06	9T18Y1074G07	303B409CAP074
100	9T33A2675	950	28.5	32.4	37.4	9T18Y4322G77	N/A	303B409CAP075
1P Copper Coil; 150 °C; 240 x 480 - 120/240 NEMA 2 Enclosure, DOE/NRC								
15	9T33C2670	350	18.4	26.2	34.7	9T18Y1072G06	9T18Y1071G07	303B409CAP071
25	9T33C2671	350	18.4	26.2	34.7	9T18Y1072G06	9T18Y1071G07	303B409CAP071
37.5	9T33C2672	510	24	34.3	35.7	9T18Y1074G06	9T18Y1074G07	303B409CAP072
50	9T33C2673	500	24	34.3	35.7	9T18Y1074G06	9T18Y1074G07	303B409CAP073
75	9T33C2674	750	24	34.3	42.2	9T18Y1074G06	9T18Y1074G07	303B409CAP074



ABB Inc.
305 Gregson Drive
Cary, NC 27511

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