



PRODUCT-DETAILS

9T10C1005  
- 3C,112.5kVA,480-208Y,150C,N2,K1,DOE



General Information	
Global Commercial Alias	9T10C1005
Extended Product Type	9T10C1005
Product ID	1TQX449721A0100
EAN	783173907856
Catalog Description	- 3C,112.5kVA,480-208Y,150C,N2,K1,DOE
Long Description	ABB Low-Voltage General Purpose Dry-Type transformers are built to last more than 20 years and are UL Listed. Our Type QL & QF transformers meet DOE 2016 efficiency standards and are UL Energy Verified as energy efficient. They are available with aluminum or copper windings and in all three temperature rise ratings. Quiet Performance-Core and coil assemblies are mounted on rubber isolation pads to reduce noise-Single-piece front/back is easily removable for installation and service. Qualified to the seismic requirements of IEEE-693-2005 and IBC-2021 and CBC 2022.

Technical	
Suitable for Isolation	Yes
Primary Voltage	480 V AC
Secondary Voltage	208Y/120 V AC
Primary Rated Impulse Withstand Voltage	10 kV
Frequency (f)	60 Hz

Apparent Power Output	112.5 kV·A
Power Loss	245.9 W
Connection Configuration	Delta Primary Wye Secondary
Number of Phases	3
Insulation Class	220 °C, Class R
Primary Taps	-4,+2 2.5%
Surge Suppression	Not Included
Accessory Type	Rain Shield kit, Wall Mount Kit, Lug Kit
Transformer Type	General Purpose
Housing Material	Painted Steel
Material of Conductor	Copper
Accessories Available	Yes
Color	ANSI 61 Gray
Product Frame Size	DY05C
Temperature Rise	150 °C

## Material Compliance

RoHS Status	No declaration needed
REACH Information	No data - If REACH inform is not yet available for a certain product
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Environmental

Ambient Temperature	40 °C
Degree of Protection	Housing IP20

## Technical UL/CSA

Enclosure Type UL/CSA	2
Type of Low Voltage Distribution System UL/CSA	Wye

## Dimensions

Product Net Width	34.3 in 871.3 mm
Product Net Height	42.2 in 1071.9 mm
Product Net Depth / Length	24 in 609.6 mm
Product Net Weight	837 lb 379.7 kg
Dimension Diagram	303B111GEDYP05C

## Ordering

Package Level 1 Units	pallet (lift) 1 piece
Package Level 1 Gross Weight	893 lb 405.1 kg

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Certificates and Declarations

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Declaration of Conformity - CE	No declaration needed
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Installation

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Instructions and Manuals	9AKK107991A2142
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Popular Downloads

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Data Sheet, Technical Information	1TQC1935E0001
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External Classifications and Standards

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ETIM 8	EC004582 - Low voltage dry type transformer
ETIM 9	EC004582 - Low voltage dry type transformer
WEEE Category	Product Not in WEEE Scope
UNSPSC	39121001
IDEA Granular Category Code (IGCC)	4124 >> Distribution power transformers
Object Classification Code	TA

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Categories

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Low Voltage Products and Systems → NEMA Residential and Commercial Portfolio → LV Dry Type Transformers → Large Power Transformers



