



 PRODUCT-DETAILS

9T10K4001G21

Low Voltage Dry Type Transformer-LPT



General Information

Global Commercial Alias	9T10K4001G21
Extended Product Type	9T10K4001G21
Product ID	1TQX234721L1141
EAN	783173365946
Catalog Description	Low Voltage Dry Type Transformer-LPT

Long Description

ABB's Drive Isolation Transformers (DIT) are designed to specifically handle the mechanical stresses, voltage distortions, and harmonics associated with silicon-controlled rectifiers (SCR) or Thyristor applications. Drive Isolation Transformers have symmetrically placed taps and added coil bracing to withstand the mechanical forces caused by severe SCR or thyristor duty cycles. These features also help to protect the transformer from the regenerative duty and more frequent momentary short-circuits associated with SCR commutation. The 9T10K4xxxGxx Drive Isolation Transformers are UL and cUL and bear the third party cUL Energy Verified mark showing these products comply with the NRCAN C802.2 energy efficiency requirements.

Technical

Suitable for Isolation	Yes
Primary Voltage	208 V AC
Secondary Voltage	230Y V AC

	133 V AC
Primary Rated Impulse Withstand Voltage	10 kV
Frequency (f)	60 Hz
Apparent Power Output	20 kV·A
Connection Configuration	Delta Primary Wye Secondary
Number of Phases	3
Insulation Class	220 °C, Class R
Primary Taps	+1, -1 5%
Surge Suppression	Not Included
Accessory Type	Rain Shields Wall Mount Brackets Lug Kit Ground Kit
Enclosure Type NEMA	Type2
Transformer Type	Drive Isolation
Housing Material	Painted Steel
Material of Conductor	Aluminum
Accessories Available	Yes
Color	ANSI 61 Grey
Number of Batteries	0
Product Frame Size	UX72A
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
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Dimensions

Product Net Width	26.2 in 665.5 mm
Product Net Height	34.7 in 881.4 mm
Product Net Depth / Length	18.4 in 467.4 mm
Product Net Weight	330 lb 149.7 kg
Dimension Diagram	303B111CAUXP72A

Ordering

Package Level 1 Units	pallet (lift) 1 piece
Package Level 1 Gross Weight	377 lb 171.1 kg

Certificates and Declarations

Declaration of Conformity - CE	No declaration needed
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Installation

Instructions and Manuals	9AKK107991A2142
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Popular Downloads

Data Sheet, Technical Information	9AKK107680A9377
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Classifications

ETIM 8	EC004582 - Low voltage dry type transformer
ETIM 9	EC004582 - Low voltage dry type transformer
WEEE Category	Product Not in WEEE Scope
WEEE B2C / B2B	Business To Business
UNSPSC	39121029
IDEA Granular Category Code (IGCC)	4175 >> Isolation transformer
Object Classification Code	TA

Categories

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

