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 PRODUCT-DETAILS

# 9T10K4010G86

## Low Voltage Dry Type Transformer-LPT




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**General Information**

Global Commercial Alias	9T10K4010G86
Extended Product Type	9T10K4010G86
Product ID	1TQX252721L0271
EAN	783173365755
Catalog Description	Low Voltage Dry Type Transformer-LPT

Long Description	<p>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.</p>
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**Technical**

Suitable for Isolation	Yes
Primary Voltage	575 V AC
Secondary Voltage	325Y V AC 188 V AC
Primary Rated Impulse	10 kV

Withstand Voltage	
Frequency (f)	60 Hz
Apparent Power Output	145 kV·A
Connection Configuration	Delta Primary Wye Secondary
Number of Phases	3
Insulation Class	220 °C, Class R
Surge Suppression	Not Included
Accessory Type	Rain Shields 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	DY76A
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	37.3 in 947.5 mm
Product Net Height	45.8 in 1163.4 mm
Product Net Depth / Length	24 in 609.6 mm
Product Net Weight	947 lb 429.6 kg
Dimension Diagram	303B111CADYP76A

**Ordering**

Package Level 1 Units	pallet (lift) 1 piece
Package Level 1 Gross Weight	1008 lb 457.3 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 9AKK107680A9377

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### Classifications

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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
WEEE B2C / B2B	Business To Business
UNSPSC	39121029
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

