



PRODUCT-DETAILS

9T51B0110  
- 1C,1kVA,120x240-12/24,100C,3R,BB,QB



General Information	
Global Commercial Alias	9T51B0110
Extended Product Type	9T51B0110
Product ID	1TQY319432A1140
EAN	783173008591
Catalog Description	- 1C,1kVA,120x240-12/24,100C,3R,BB,QB
Long Description	ABB's Type QB & QMS Buck Boost transformers come standard in NEMA 3R nonventilated weatherproof enclosures. These units feature encapsulated copper core and coils with an integrated junction box that includes a ground lug for easy wiring - especially useful when wiring three together to form a 3-phase autotransformer. Improved termination spacing and wiring compartment room gives greater flexibility in selecting various UL listed connectors for either copper or aluminum cable. The Type QB & QMS buck boost transformers come in either isolation or autotransformer types and are RoHS compliant, UL and cUL Listed. Qualified to the seismic requirements of IEEE-693-2005 and IBC-2021 and CBC 2022.

Technical	
Primary Voltage	120x240 V AC
Secondary Voltage	12/24 V AC
Frequency (f)	60 Hz

Apparent Power Output	1 kV-A
Connection Configuration	Single Phase; Single Phase
Number of Phases	1
Insulation Class	180 °C, Class H
Enclosure Type NEMA	Type3R
Transformer Type	Buck Boost
Housing Material	Painted Steel
Material of Conductor	Copper
Accessories Available	No
Color	ANSI 61 Grey
Product Frame Size	12225
Temperature Rise	100 °C

Material Compliance

RoHS Information	9AKK107991A1008
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20200807
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
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Dimensions

Product Net Width	7.76 in 197.11 mm
Product Net Height	9.5 in 241.3 mm
Product Net Depth / Length	5.5 in 139.7 mm
Product Net Weight	25 lb 11.34 kg
Dimension Diagram	303B920AAP012

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	26.77 lb 12.15 kg

Certificates and Declarations

Declaration of Conformity - CE	No declaration needed
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Installation

Instructions and  
Manuals

9AKK107991A2927

Popular Downloads

Data Sheet, Technical  
Information

9AKK107992A9343

External Classifications and Standards

ETIM 8	EC002486 - One-phase control transformer
ETIM 9	EC002486 - One-phase control transformer
WEEE Category	Product Not in WEEE Scope
UNSPSC	39121025; 4167
eClass	V11.0 : 27031302
IDEA Granular Category Code (IGCC)	4167 >> Buck & Boost Dry Type Transformers 600V Or Less

Categories

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

