



PRODUCT-DETAILS

9T51B0108
- 1C,0.5kVA,120x240-12/24,100C,3R,BB,QB



| General Information | |
|-------------------------|--|
| Global Commercial Alias | 9T51B0108 |
| Extended Product Type | 9T51B0108 |
| Product ID | 1TQY316432A1140 |
| EAN | 783173008577 |
| Catalog Description | - 1C,0.5kVA,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 | 0.5 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 | 10225 |
| 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 |
|---------------------|-------|

Dimensions

| | |
|----------------------------|----------------------|
| Product Net Width | 6.76 in 171.71 mm |
| Product Net Height | 8.25 in 209.55 mm |
| Product Net Depth / Length | 4.88 in 123.96 mm |
| Product Net Weight | 16 lb 7.26 kg |
| Dimension Diagram | 303B920AAP010 |

Ordering

| | |
|------------------------------|---------------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Gross Weight | 18.46 lb 8.38 kg |

Certificates and Declarations

| | |
|--------------------------------|-----------------------|
| Declaration of Conformity - CE | No declaration needed |
|--------------------------------|-----------------------|

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



360°