



PRODUCT-DETAILS

9T77H9872G13

- 3C,30KVA,480-208Y,115C,N2,HMT,-30DEG,ES



General Information

Global Commercial Alias	9T77H9872G13
Extended Product Type	9T77H9872G13
Product ID	1TQX438522H1100
EAN	783173369623
Catalog Description	- 3C,30KVA,480-208Y,115C,N2,HMT,-30DEG,ES

Long Description

ABB's Guard III Harmonic Mitigating Transformers (HMT) help eliminate harmonics, improve power quality, and help save energy by reducing the energy (heating) losses associated with harmonic activity. They maintain DOE 2016 energy efficiency even when harmonics are present. The HMT's are UL Listed and are available in common phase shifts with zigzag transformer secondaries. Qualified to the seismic requirements of IEEE-693-2005 and IBC-2021 and CBC 2022.

Technical

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	30 kV·A
Connection Configuration	Wye Primary Zig-Zag Secondary
Number of Phases	3
Insulation Class	220 °C, Class R
Accessory Type	Rain Shield kit, Wall Mount Kit, Lug Kit
Enclosure Type NEMA	Type2
Transformer Type	Harmonic Mitigating
Housing Material	Painted Steel
Material of Conductor	Copper
Accessories Available	Yes
Color	ANSI 61 Grey
Product Frame Size	H372C
Temperature Rise	115 °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
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Dimensions

Product Net Width	31.8 in 807.8 mm
Product Net Height	35.7 in 906.8 mm
Product Net Depth / Length	24 in 609.6 mm
Product Net Weight	552 lb 250.4 kg
Dimension Diagram	303B431SLP072

Ordering

Package Level 1 Units	pallet (lift) 1 piece
Package Level 1 Gross Weight	600 lb 272.2 kg

Certificates and Declarations

Declaration of Conformity - CE	No declaration needed
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Installation

Instructions and
Manuals

9AKK107991A2142

Popular Downloads

Data Sheet, Technical
Information

1TQC1935E0001

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	39121028;4174
IDEA Granular Category Code (IGCC)	4174 >> Harmonic mitigation transformer
Object Classification Code	TA

Categories

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

