



MARCUS

Marcus Transformer LTD
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TECHNICAL DATA MODEL: MSH 50A2

1-PHASE ISOLATING

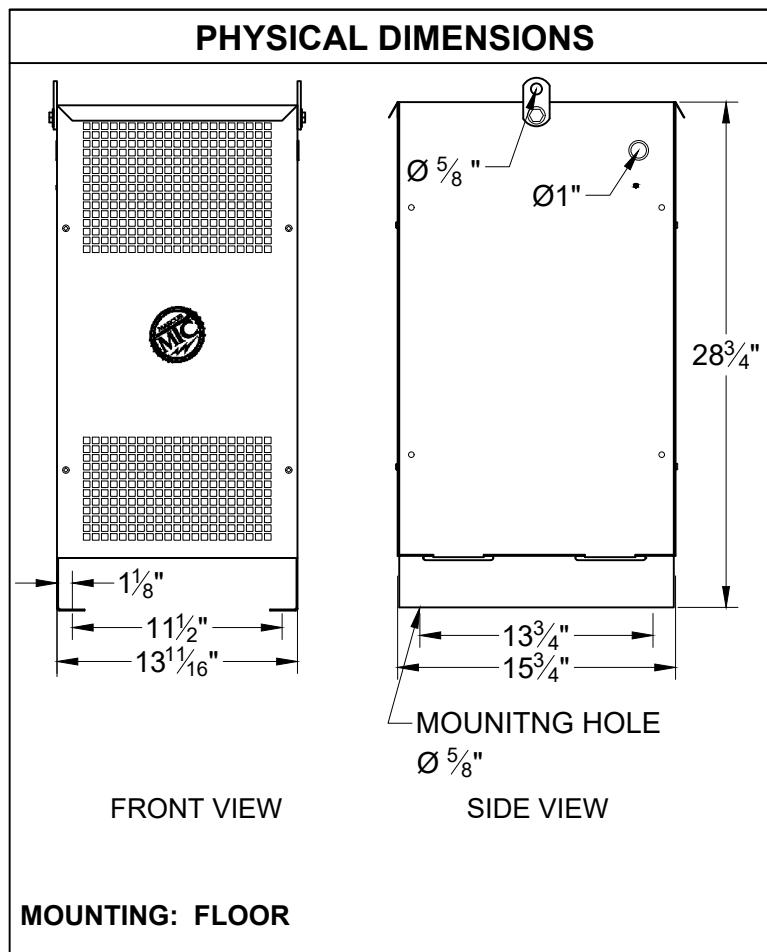
DESCRIPTION	
Type	DRY TYPE DISTRIBUTION (ANN)
KVA	50
Primary (Volts)	600
Secondary (Volts)	120 / 240
Phase	1
Enclosure	NEMA 1
Impedance (%Z)	4.1
Insulation Class	220°C
Temperature Rise	150°C
Frequency	60Hz
Weight (LBS/KG)	300 / 135
Polarity	Additive
BIL.	10KV

Primary connectors per phase : #2-250M

Secondary connectors per phase: #4-350MCM

PERFORMANCE	
No load loss	108W
Total loss	1300W
Noise level	45dB

EFFICIENCY		
		Efficiency = 98.3%
		(As per NRCAN 2019 and DOE 2016)



FEATURES:

- Anti-vibration pads installed between the core/coil and the enclosure
- Ground lug provided
- Leads brought-up and solidly positioned into separate terminal boards
- CSA enclosure: ventilated painted ASA 61gray
- Transformer meets the premium efficiency values as per NRCAN 2019/DOE 2016
- Copper ground strap between core/coil and enclosure
- CSA certified / UL listed
- Copper windings

Customer / PO	COMMENTS
Project	
Engineer	
Contractor	
Revision Date	