# MARCUS

Marcus Transformer LTD
Phone: 1-800-267-7376
Fax: 1-866-205-7526
Email: Info@marcustransformer.com

## TECHNICAL DATA MODEL: MS 7.5A2

1-PHASE ISOLATING

| DESCRIPTION | |
|---|---|
| Type | DRY TYPE DISTRIBUTION (ANN) |
| KVA | 7.5 |
| Primary (Volts) | 600 |
| Secondary (Volts) | 120 / 240 |
| Phase | 1 |
| Enclosure | NEMA 1 |
| Impedance(%z) | 4.9 |
| Insulation Class | 220°C |
| Temperature Rise | 150°C |
| Frequency | 60Hz |
| Weight (LBS/KG) | 78 / 35 |
| Polarity | Additive |
| BIL. | 10KV |

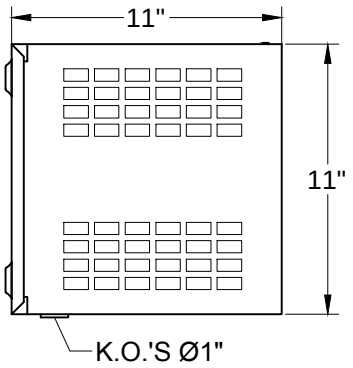
| PERFORMANCE | |
|---|---|
| No load loss | 39W |
| Total loss | 450W |
| Noise level | 45dB |
| | |

| EFFICIENCY | | | |
|---|---|---|---|
| | | | Efficiency = 94.1% |
| | | | |
| | | | |

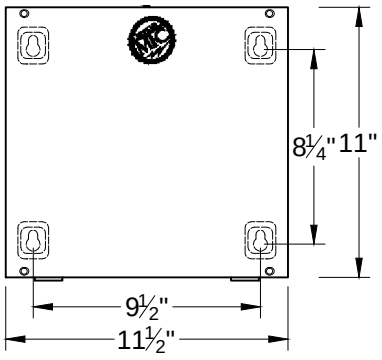
| Primary connectors per phase : #14-2 |
|---|
| Secondary connectors per phase: #14-2 |

### PHYSICAL DIMENSIONS

SIDE VIEW




FRONT VIEW




**MOUNTING: WALL**

### 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
- Copper windings
- Copper ground strap between core/coil and enclosure
- CSA certified / UL listed

| | |
|---|---|
| Customer / PO | |
| Project | |
| Engineer | |
| Contractor | |
| Revision Date | |

### COMMENTS

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## TECHNICAL DATA MODEL: MS 7.5B2

1-PHASE ISOLATING

| DESCRIPTION | |
|---|---|
| Type | DRY TYPE DISTRIBUTION (ANN) |
| KVA | 7.5 |
| Primary (Volts) | 480 |
| Secondary (Volts) | 120 / 240 |
| Phase | 1 |
| Enclosure | NEMA 1 |
| Impedance(%z) | 4.9 |
| Insulation Class | 220°C |
| Temperature Rise | 150°C |
| Frequency | 60Hz |
| Weight (LBS/KG) | 78 / 35 |
| Polarity | Additive |
| BIL. | 10KV |

| |
|---|
| Primary connectors per phase : #14-2 |
| Secondary connectors per phase: #14-2 |

### 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
- Copper windings
- Copper ground strap between core/coil and enclosure
- CSA certified / UL listed

| PERFORMANCE | |
|---|---|
| No load loss | 39W |
| Total loss | 450W |
| Noise level | 45dB |
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### EFFICIENCY

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|---|---|---|---|
| | | | Efficiency = 94.1% |
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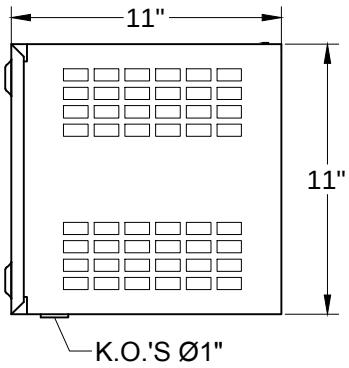
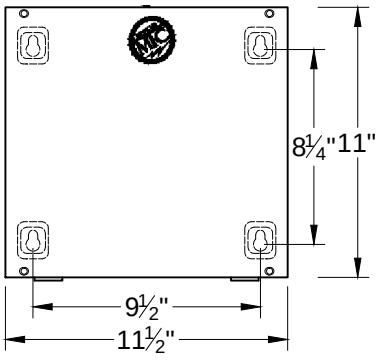
### PHYSICAL DIMENSIONS

SIDE VIEW




FRONT VIEW




**MOUNTING: WALL**

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### COMMENTS