Larson Electronics LLC
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Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
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MT-RDTX-120.240.277.480V-50VA-24V-CBS-2.5A

50 VA Control Transformer - 480/277/240/120V AC Input Voltage - 24V AC Output Voltage - Circuit Breaker on 24V Side - 50/60Hz

Product ID: 277828



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MT-RDTX-120.240.277.480V-50VA-24V-CBS-2.5A Control Transformer

Phase: Single Phase
Frequency: 50/60 Hz
kVA: 50 VA (0.05 kVA)
Primary Voltage: 480/277/240/120 V AC
Primary Connection: Series (V)
Primary FCAN (Std.): 0 x 0%
Primary FCBN (Std.): 0 x 0%
Secondary Voltage: 24 V AC
Secondary Connection: Parallel x Series (Vx2V)
Material: Copper
Primary Termination: Terminal Block
Secondary Termination: Terminal Block
Insulation: 130°C
Temperature Rise: 80°C
Enclosure Material: Injection Molded Cover
Mounting: Heavy Steel Feet & Dual Threaded Hub Mount
Dimensions: 3.26"-L x 2.52"-W x 3.29"-H
Weight: 2.65 lb

Approvals/Ratings

NRTL Listed for United States and Canada
NRTL Certified to CSA 22.2 NO 66.1
NRTL Certified to CSA 22.2 NO 66.2
NRTL Certified to UL 5085-1
NRTL Certified to 5085-2
Circuit Breaker on Secondary
Control Transformer

Special Orders - Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The MT-RDTX-120.240.277.480V-50VA-24V-CBS-2.5A from Larson Electronics is a 480/277/240/120 V AC Single Phase Control Transformer that is powerful, reliable, and innovatively designed. With high-quality silicon steel laminations providing optimal performance, the MT-RDTX-120.240.277.480V-50VA-24V-CBS-2.5A provides increased reliablity and protection against critical equipment failures. This control transformer

features an innovative design with a unique terminal block design that allows for a quick and easy hook up along with the ability to easily install fuse clips to the unit. The uniquely designed molded coil covers give this control transformer superior cooling abilities and a sleek appearance.

Transformer Features: With a transformer rating of 50 VA (0.05 kVA), the MT-RDTX-120.240.277.480V-50VA-24V-CBS-2.5A is a machine tool industrial single phase control transformer with primary voltages of 480/277/240/120 V AC. It also provides secondary voltage of 24 V AC. The secondary side of this transformer is protected by a circuit breaker. Featuring compact and innovative construction, this unit`s cores are manufactured with high-quality silicon steel laminations using state of the art technology.

This 50/60 Hz unit boasts an innovative terminal block design that allows for easy hookup. Connecting this unit is a simple task thanks to the terminal connection numbers being molded into the terminal block which corresponds to the nameplate and wiring diagrams. A unique fin-shaped, injection molded coil cover gives this unit superior cooling abilities. The unit also features a 130°C insulation class with a 80°C temperature rise.

Benefits: The MT-RDTX-120.240.277.480V-50VA-24V-CBS-2.5A control transformer offers many benefits to the consumer. Full encapsulation of the windings and internal terminations ensures that the unit is protected from moisture, dirt, dust and other contaminants. Removeable finger safe terminal covers contribute towards the overall clean and sleek look of the unit. The compact and innovative design features make this a great choice for industrial tool applications.

This control transformer has heavy steel mounting feet that are either welded or bolted to the core. This transformer features terminal block terminations.

Applications: Power Managment, Industrial

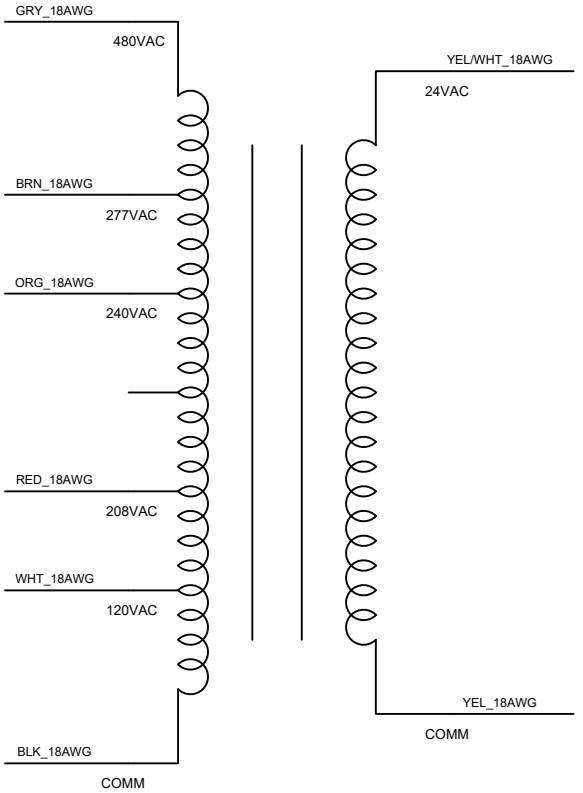
Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	1/22/2024

MT-RDTX-120.240.277.480V-50VA -24V-CBS-2.5A

LARSON ELECTRONICS®

XF1-101.22
480/277/240/208/120 TO 24 VAC
50KVA WITH CIRCUIT BREAKER

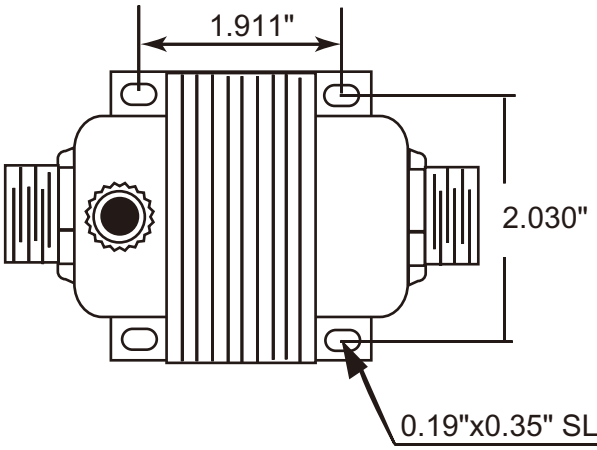


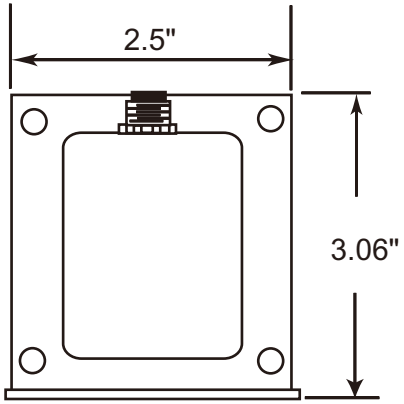
TAGS	QTY	CATALOG	DESCRIPTION
XF1-101.22	1		Transformer, 50VA, 480/277/240/208/120 to 24 Vac, Circuit Breaker

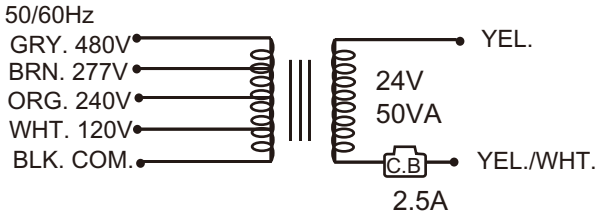
LARSON ELECTRONICS
9419 E US HWY 175,
KEMP, TX 75143

TITLE			
MT-RDTX-120.240.277.480V-50VA -24V-CBS-2.5A			
DRAWN BY	S.Desai	DATE	1/22/2024
REV	A		
CHECKED BY	J.Maldonado	SHEET #	1 OF 1
DRAWING #	101		

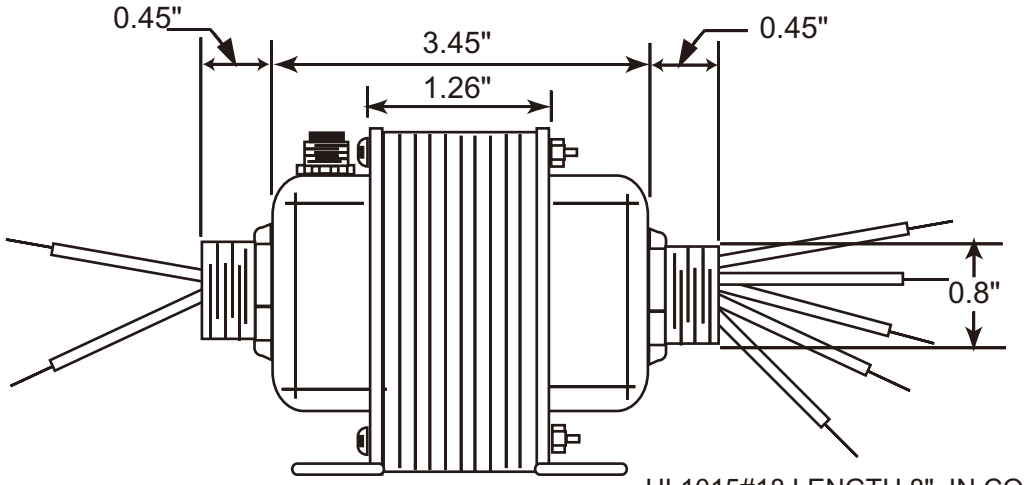
MODEL NO: **MT-RDTX-120.240.277.480V-50VA-24V-CBS-2.5A**	PART NO:





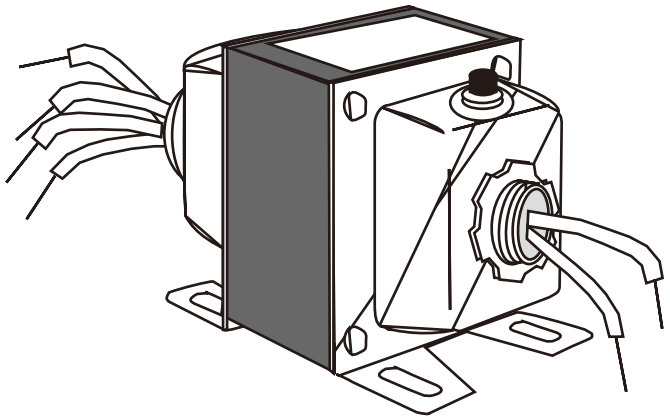


PRI.:COM 120/240/277/480V 50/60Hz
BLK.-WHT.-ORG.-BRN.-GRY.
SEC.:24V 50VA
YEL.-YEL/WHT.
UL FILE NO.:E467797
CLASS B INSULATION
CLASS 2 TRANSFORMER



UL1015#18 LENGTH 8" IN COLOR
"YELLOW" & "YELLOW WITH WHITE STRIPE"

UL1015#18 LENGTH 8" IN COLOR
"BLACK","WHITE","ORANGE","BROWN" & "GRAY"



UNIT: inch ±0.04

REPORT BY	CHECK BY	APPROVED BY	DATE: May 26,2021	
Pan			REV NO:	

Frequently Asked Questions (FAQ)