

Frequently Asked Questions

BEFORE YOU CALL

If technical help is required, please have the following information when calling:

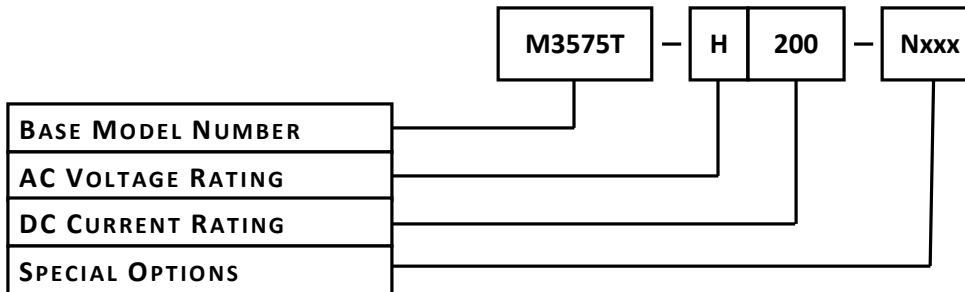
- Model number of unit
- Serial number of unit
- Name of original equipment supplier (if available)
- Record the line voltage
- Record the DC Bus voltage immediately after the AC voltage
- Brief description of the application
- Drive and motor HP or kW
- kVA rating of power source
- Source configuration and grounding

Table of Contents

- | | |
|---|--|
| 1) What is the part number breakdown M3575T? | 6) Breaking Light stays on all the time? |
| 2) What are the voltage ratings for the M3575T? | 7) What are the fuse ratings for the M3575T? |
| 3) How do I Enable or Turn-On the M3575T? | 8) Module Overtemp, or module seems to hot? |
| 4) Is the M3575T UL listed? | 9) What are the dimensions of the M3575T? |
| 5) The attached drive will not precharge? | 10) Fan does not run? |

Frequently Asked Questions

1) What is the part number breakdown for the M3575T?



2) What are the voltage ratings for the M3575T?

AC VOLTAGE RATING CODE	AC VOLTAGE NOMINAL AC LINE	DC BUS TRIGGER LEVEL
L	230VAC	375VDC
E	400VAC	620VDC
H	460VAC	750VDC

3) How do I Enable or Turn-On the M3575T?

AC VOLTAGE RATING CODE	AC VOLTAGE NOMINAL AC LINE	DC BUS TRIGGER LEVEL
L	230VAC	375VDC
E	400VAC	620VDC
H	460VAC	750VDC

4) Is the M3575T UL listed?

The M3575T is listed for the following models:

M3575T-L15	M3575T-H15
M3575T-L30	M3575T-H30
M3575T-L60	M3575T-H75

5) The attached drive will not precharge?

Verify the polarity of the connection to the DC filter capacitors of the drive. If this connection is reversed, the commutation diode effectively shorts the DC bus and will not allow the drive to go through precharge.

Frequently Asked Questions

6) Breaking Light stays on all the time?

System voltage is too high or high harmonic content is present. Check main system rectifier input AC voltage. Refer to the DC Bus Trigger Level found in Table 2-1. The undistorted main system rectifier AC input voltage should always be less than DC bus trigger level / 1.414. Note: If the measured DC bus (in standby) is greater than the RMS line voltage*1.414, then harmonic distortion may exist. Consult the project engineer for the appropriate corrective action.

Setpoint too low. The DC Bus Setpoint pot on the main control board may have been tampered with. If this is a possibility, then the module needs to be sent in for recalibration. Wrong braking module installed. Check the module chassis sticker for the part number. Refer to Section 2.2 of this manual and verify that the sticker information represents the correct part number for your application and voltage levels. Remove and replace as required. Main control board has gone bad. Module needs to be sent in for repair

7) What are the fuse ratings for the M3575T?

230VAC		400VAC		460VAC	
MODEL NUMBER	FUSE	MODEL NUMBER	FUSE	MODEL NUMBER	FUSE
M3575T-L15	FWP-15	M3575T-E15	FWP-15	M3575T-H15	FWP-15
M3575T-L30	FWP-30	M3575T-E30	FWP-30	M3575T-H30	FWP-30
M3575T-L60	FWP-60	M3575T-E75	FWP-80	M3575T-H75	FWP-80
M3575T-L125	FWP-125	M3575T-E125	FWP-125	M3575T-H125	FWP-125
M3575T-L150	FWP-150	M3575T-E150	FWP-150	M3575T-H150	FWP-150
M3575T-L200	FWP-200	M3575T-E200	FWP-200	M3575T-H200	FWP-200
M3575T-L300	FWP-300	M3575T-E300	FWP-300	M3575T-H300	FWP-300
M3575T-L600	FWP-600	M3575T-E600	FWP-600	M3575T-H600	FWP-600

8) Module Overtemp, or module seems to hot?

It is normal for this module to produce heat. Temperatures of 150°F are not uncommon. If the modules fan is running, and the module is operating properly, it is within normal tolerances. If the fan is not running, see Section **Error! Reference source not found. Error! Reference source not found.** for assistance.

If the fan is running, check to make sure the airflow through and around the module is unobstructed.

If the ambient temperature is high in the cabinet or installation area, the module may overheat. Make sure the environment is within the operating temperature requirements listed in the General Specifications in Table 2-3.

Frequently Asked Questions**9) What are the dimensions of the M3575T?****230VAC**

MODEL NUMBER	CHASSIS	DIMENSIONS H" x W" x D"
M3575T-L15	M3	12.75 x 3.00 x 8.70
M3575T-L30	M3	12.75 x 3.00 x 8.70
M3575T-L60	M4	12.75 x 4.00 x 8.70
M3575T-L125	B5	17.75 x 6.50 x 8.00
M3575T-L150	B5	17.75 x 6.50 x 8.00
M3575T-L200	B7	17.75 x 7.00 x 8.00
M3575T-L300	B7	17.75 x 7.00 x 8.00
M3575T-L600	B7	17.75 x 7.00 x 8.00

400VAC

MODEL NUMBER	CHASSIS	DIMENSIONS H" x W" x D"
M3575T-E15	M3	12.75 x 3.00 x 8.70
M3575T-E30	M3	12.75 x 3.00 x 8.70
M3575T-E75	M4	12.75 x 4.00 x 8.70
M3575T-E125	B5	17.75 x 6.50 x 8.00
M3575T-E150	B5	17.75 x 6.50 x 8.00
M3575T-E200	B7	17.75 x 7.00 x 8.00
M3575T-E300	B7	17.75 x 7.00 x 8.00
M3575T-E600	B7	17.75 x 7.00 x 8.00

460VAC

MODEL NUMBER	CHASSIS	DIMENSIONS H" x W" x D"
M3575T-H15	M3	12.75 x 3.00 x 8.70
M3575T-H30	M3	12.75 x 3.00 x 8.70
M3575T-H75	M4	12.75 x 4.00 x 8.70
M3575T-H125	B5	17.75 x 6.50 x 8.00
M3575T-H150	B5	17.75 x 6.50 x 8.00
M3575T-H200	B7	17.75 x 7.00 x 8.00
M3575T-H300	B7	17.75 x 7.00 x 8.00
M3575T-H600	B7	17.75 x 7.00 x 8.00

10) Fan does not run?

The fan only runs when the braking module heatsink is hot. If the heatsink is above 110°F, then the fan runs until the heatsink cools to 80°F.

Frequently Asked Questions

If the fan never runs, even when the heatsink is hot or during heavy braking operation, the module may shutdown on heatsink over-temperature. This occurs at a heatsink temperature of 160°F. If for any reason the fan does not appear to be working properly, check the following: Input and output fuses on the fan transformer. These will be located on or around the fan transformer itself.

Check fan for blockage. Clean if necessary.

Check fan transformer primary voltage and insure it is within tolerance for the control voltage input for that module.

Replace fan.

If fan still doesn't operate, the heatsink temperature switch may be faulty. Contact Bonitron for return for repair.