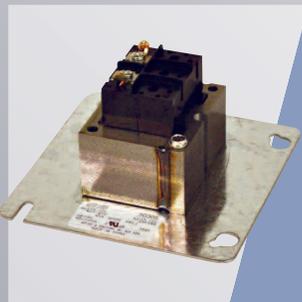
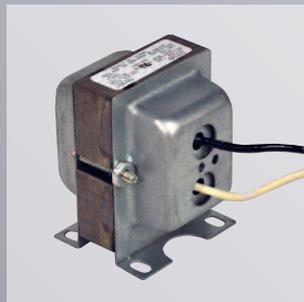


MARS Transformers

Transformers are of the highest quality our customers have come to expect



Transformers

MARS Control Transformers NEMA Class II Open Construction

MARS compact open construction transformers are less than 2-1/4" in height. This makes them ideal as replacements within existing equipment.

MARS control transformers are available with various outputs and voltages for special applications.

Application:

Provide power source for control circuit for air conditioning, heating, or refrigeration systems.

Features:

- UL class 2 recognized
- Low heat rise
- Primary color coded leads
- Secondary color coded leads, or 1/4" male quick connects
- Foot-mount



Foot-Mount Open Construction

MARS NO.	VA RATING	HZ	PRIMARY		SECONDARY	
			VOLTAGE	CONNECTIONS	VOLTAGE	CONNECTIONS
50351	20	50/60	120	Color coded leads	24	Color coded leads
50352	40	50/60	120	Color coded leads	24	Color coded leads
50353	40	50/60	208/240	Color coded leads	24	Color coded leads
50354	40	50/60	120/208/240	Color coded leads	24	Color coded leads
50355*	40	60	120	Color coded leads	12/24	Color coded leads
50350	20	50/60	120/208/240	Color coded leads	24	Color coded leads
50357	40	50/60	277	Color coded leads	24	Color coded leads
50359 ⁽¹⁾	40	50/60	120/208/240	Color coded leads	24/12/2.5	Color coded leads
50308	50	50/60	120/208/240	Color coded leads	24	Color coded leads

* Not UL listed (1) In line fuse protection

Foot-Mount Open Construction With Primary & Secondary Quick Connects

MARS NO.	VA RATING	HZ	PRIMARY		SECONDARY	
			VOLTAGE	CONNECTIONS	VOLTAGE	CONNECTIONS
50362	40	50/60	120	1/4" Male quick connects	24	1/4" Male quick connects
50364	40	50/60	120/208/240	1/4" Male quick connects	24	1/4" Male quick connects
50363	50	50/60	208/240	1/4" Male quick connects	24	1/4" Male quick connects

MARS Control Transformers NEMA Class II End Bell Type

MARS end bell transformers provide enclosures for the primary and secondary windings, MARS multi-mount models offer three mounting options - Foot, Plate, or Conduit mount.

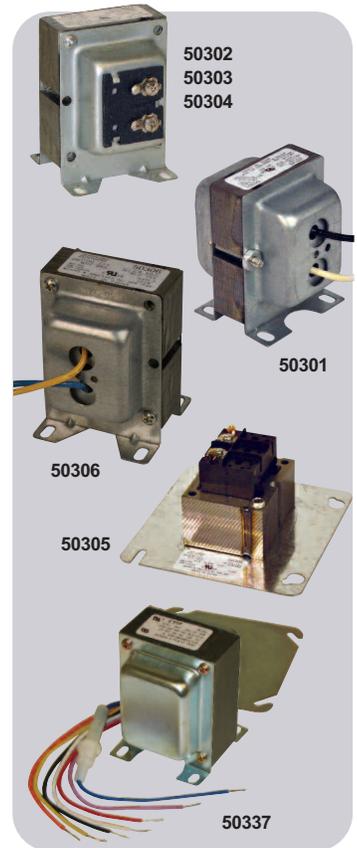
MARS control transformers are available with various outputs and voltages for special applications.

Application:

Provide power source for control circuit for air conditioning, heating, or refrigeration systems.

Features:

- UL class 2 recognized
- Low heat rise
- Primary color coded leads
- Secondary color coded leads, or screw terminals
- Multi-mount or plate-mount



Foot-Mount End Bell Type

MARS NO.	VA RATING	HZ	PRIMARY		SECONDARY	
			VOLTAGE	CONNECTIONS	VOLTAGE	CONNECTIONS
50301	20	60	120	Color coded leads	24	Color coded leads

Multi-Mount End Bell Type

MARS NO.	VA RATING	HZ	PRIMARY		SECONDARY	
			VOLTAGE	CONNECTIONS	VOLTAGE	CONNECTIONS
50302	40	50/60	120	Color coded leads	24	Screw terminals
50303	40	50/60	208/240	Color coded leads	24	Screw terminals
50304	40	60	120/208/240	Color coded leads	24	Screw terminals
50306*	48	60	277	Color coded leads	24	Color coded leads
50314	50	50/60	120/208/240	Color coded leads	24	Color coded leads
50333*	48	50/60	120/208/240	Color coded leads	24/12/2.5	Color coded leads
50337	75	50/60	120/208/240	Color coded leads	24	Color coded leads

* Not UL listed (1) Color coded leads on secondary, (2) Screw terminals on secondary

Plate-Mount End Bell Type

MARS NO.	VA RATING	HZ	PRIMARY		SECONDARY	
			VOLTAGE	CONNECTIONS	VOLTAGE	CONNECTIONS
50305	40	50/60	120	Color coded leads	24	Screw terminals

MARS Control Transformers NEMA Class II Heavy Duty End Bell Type

MARS control transformers are available with various outputs and voltages for special applications.

Application:

MARS heavy duty end bell transformers offer a wide variety of higher VA rated models. These models are the choice when extra power is the solution.

Features:

- UL class 2 recognized
- 50/60 Hz
- Low heat rise
- Color coded leads
- Foot-mount



Foot-Mount End Bell Type

MARS NO.	VA RATING	HZ	PRIMARY		SECONDARY	
			VOLTAGE	CONNECTIONS	VOLTAGE	CONNECTIONS
50316	60	50/60	208/240	Color coded leads	24	Color coded leads
50320 ⁽¹⁾	75	50/60	120/208/240/480	Color coded leads	24	Color coded leads
50324	75	50/60	208/240	Color coded leads	24	Color coded leads
50326	75	50/60	480	Color coded leads	24	Color coded leads
50340*	100	50/60	120/208/240/480	Color coded leads	24	Color coded leads

*100 VA does not qualify for NEMA Class II

(1) Inline fuse

Foot Mounted Open Construction

MARS NO.	VA RATING	HZ	PRIMARY		SECONDARY	
			VOLTAGE	CONNECTIONS	VOLTAGE	CONNECTIONS
50339 ⁽²⁾	75	50/60	480	Color coded leads	120	Color coded leads

(2) UL 506

MARS Control Transformers NEMA Class II Manual Reset Style

MARS control transformers are available with various outputs and voltages for special applications.

Application:

Provide power source for control circuit for air conditioning, heating, or refrigeration systems.

Features:

- UL class 2 recognized
- Low heat rise
- Color coded leads or quick connect terminals
- Foot-mount



50321
50327
50341
50375

Foot-Mount End Bell Type with Manual Reset

MARS NO.	VA RATING	HZ	PRIMARY		SECONDARY	
			VOLTAGE	CONNECTIONS	VOLTAGE	CONNECTIONS
50327	50	60	120/208/240/480	Color coded leads	24	Color coded leads
50321	75	50/60	120/208/240/480	Color coded leads	24	Color coded leads
50375	75	50/60	120/208/240/575	Color coded leads	24	Color coded leads
50341*	100	50/60	120/208/240/480	Color coded leads	24	Color coded leads
50312	60	50/60	120/208/240/480	Color coded leads	24	Color coded leads
50370	75	50/60	120/277/380/575	Color coded leads	24	Color coded leads
50371	100	50/60	120/208/277/575	Color coded leads	24	Color coded leads

* 100VA and higher does not qualify for NEMA Class II

MARS Power Transformers

Application:

Provide 120V power source for air conditioning, heating, or refrigeration systems. MARS power transformers provide dual purpose options — 120V or 24V secondary with 208V/240V/480V primary connections. Three VA selections offer a true powerhouse!

Features:

- Color coded leads
- Compact size
- Low heat rise



50380

Power Transformers Foot-Mount Open Construction

MARS NO.	VA RATING	HZ	PRIMARY		SECONDARY	
			VOLTAGE	CONNECTIONS	VOLTAGE	CONNECTIONS
50380 ⁽¹⁾	50	60	208/240/480	Color coded leads	120/24	Color coded leads
50381 ⁽²⁾	100	60	208/240/480	Color coded leads	120/24	Color coded leads

(1) Not UL listed (2) UL 506

Transformers

MARS Control Transformers NEMA Class II

Hub-Mounted Transformers
with Circuit Breakers and
Multiple Inputs of
120/208/240/480 VAC

Available either in 50VA or 75VA, these 2 versatile transformers replace Honeywell® AT150F and AT175F. All leads pass through the chase nipple.

- 3 Way mounting
- Four inputs including 120/208/240/480 VAC
- UL Recognized

Fully Enclosed Junction Box Ready

- Several models with dual voltage input
- Welded laminations for quiet operation
- Conservative heat rise characteristics
- UL 506



Hub Mount End Bell Type

MARS NO.	VA RATING	HZ	PRIMARY		SECONDARY	
			VOLTAGE	CONNECTIONS	VOLTAGE	CONNECTIONS
50319	50	50/60	120/208/240/480	Color coded leads	24	Color coded leads
50372	75	50/60	120/208/240/480	Color coded leads	24	Color coded leads

Fully Enclosed

MARS NO.	VA RATING	HZ	PRIMARY		SECONDARY	
			VOLTAGE	CONNECTIONS	VOLTAGE	CONNECTIONS
50332	50	50/60	240/480	Color coded leads	120	Color coded eads
50374	100	50/60	240/480	Color coded leads	120	Color coded leads



**Technical Helpline:
800.678.9888**

www.marsdelivers.com



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our customers have come to expect**

Cross Reference

MARS NO.	FORMER MARS2 NO.	DESCRIPTION
50301	-	20VA, 120 to 24V, Foot End Bell, Leads
50302	50210, 50213	40VA, 120 to 24V, 3 Way, Leads/Screws
50303	-	40VA, 208/240 to 24V, 3 Way, Leads/Screws
50304	50215	40VA, 120/208/240 to 24V, 3 Way, Leads/Screws
50305	-	40VA, 120 to 24V, Plate Mount, Screws
50306	-	48VA, 277 to 24V, 3 Way, Leads
50308	-	50VA, 120/208/240 to 24V, Foot, Leads
50312	50230	60VA, 120/208/240/480 to 24V w/Breaker, Foot, Leads
50314	50212, 50216	50VA, 120/208/240 to 24V, 3 Way, Leads
50316	-	60VA, 208/240 to 24V, Foot, Leads
50319	-	50VA, 120/208/240/480 to 24V, 3 Way, Leads
50320	50225	75VA, 120/208/240/480 to 24V, Foot, Leads
50321	50321	75VA, 120/208/240/480 to 24V w/Breaker, Foot, Leads
50324	-	75VA, 208/240 to 24V, Foot, Leads
50326	-	75VA, 480 to 24V, Foot, Leads
50327	50227	50VA, 120/208/240/480 to 24V w/Breaker, Foot, Leads
50332	-	50VA, 240/480 to 120V, 3 Way, Leads
50333	-	48VA, 120/208/240 to 24/12/2.5V, 3 Way, Leads
50337	-	75VA, 120/208/240/480 to 24V, 3 Way, Leads
50339	-	75VA, 480 to 120V, Foot, Leads
50340	-	100VA, 120/208/240/480 to 24V, Foot, Leads
50341	50232	100VA, 120/208/240/480 to 24V w/Breaker, Foot, Leads
50350	-	20VA, 120/208/240 to 24V, Foot, Leads
50351	-	20VA, 120 to 24V, Foot, Leads
50352	50201	40VA, 120 to 24V, Foot, Leads
50353	-	40VA, 208/240 to 24V, Foot, Leads
50354	50203	40VA, 120/208/240 to 24V, Foot, Leads
50355	-	40VA, 120 to 24/12V, Foot, Leads
50357	-	40VA, 277 to 24V, Foot, Leads
50359	-	40VA, 120/208/240 to 24/12/2.5V w/Fuse, Foot, Leads
50362	-	40VA, 120 to 24V, Foot, Quick Connects
50363	-	40VA, 208/240 to 24V, Foot, Quick Connects
50364	-	40VA, 120/208/240 to 24V, Foot, Quick Connects
50370	-	75VA, 120/277/380/575 to 24V w/Breaker, Foot, Leads
50371	-	100VA, 120/208/277/575 to 24V w/Breaker, Foot, Leads
50372	-	75VA, 120/208/240/480 to 24V, 3 Way, Leads
50374	-	100VA, 240/480 to 120V, 3 Way, Leads
50375	-	75VA, 120/208/240/575 to 24V w/Breaker, Foot, Leads
50380	-	50VA, 208/240 to 120/24V, Foot, Leads
50381	-	100VA, 208/240/480 to 120/24V, Foot, Leads