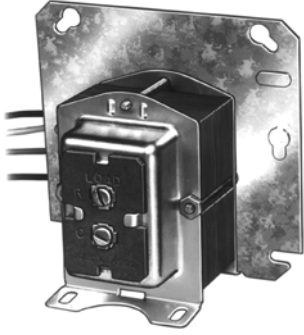


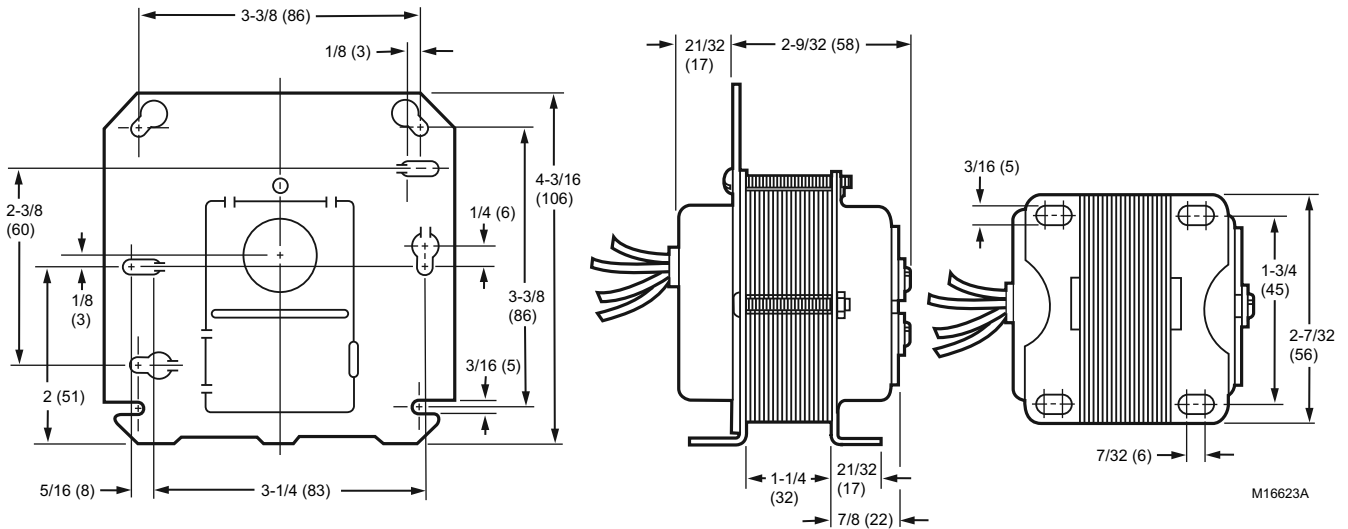
## AT87 NEMA Standard Transformer



Used primarily for powering 24V air conditioning circuits. Can also be used in other applications that do not exceed the listed ratings.

- Meets NEC Class 2 not wet, Class 3 wet and UL 1585 requirements.
- Meets NEMA Standard DC20-1992.
- Transformer marked NEMA Type E.
- Overload protection provided.
- Color-coded leadwires for primary connections.

Dimensions in inches (millimeters)



**Temperature Rating:** -20 F to +105 F (-29 C to +41 C)  
**Frequency:** 60 Hz/50 Hz

**Canadian Standards Association:** Certified  
**Underwriters Laboratories Inc.** UL Component Recognized.

**Approvals:**

Product Number	Dimensions, Approximate (inch)	Electrical Ratings			Electrical Connections (main)		Mounting	NEMA Rating	Includes
		(Primary Voltage)	(Secondary Voltage)	(Output)	(Primary) (inch)	(Secondary) (inch)			
AT87A1049	2 15/16 in. deep x 2 7/32 wide	120 Vac	26.5 V.O.C.	24 Vac at 48 VA	12 in. leadwires	12 in. leadwires	Foot-mounted	NEMA type E	Energy limiting overload protection
• AT87A1106	2 15/16 in. deep x 2 7/32 wide	120 Vac, 208 Vac, 240 Vac	26.5 V.O.C.	24 Vac at 48 VA	13 in. leadwires	(2) screw terminals	Foot mounted or 4x4 in plate.	NEMA type E	Built-in protection. Primary winding burnout.
AT87A1155	2 15/16 in. deep x 2 7/32 wide	480 Vac	26.5 V.O.C.	24 Vac at 48 VA	12 in. leadwires	12 in. leadwires	Foot-mounted	NEMA type E	Energy limiting overload protection
AT87A1189	2 15/16 in. deep x 2 7/32 wide	277 Vac	26.5 V.O.C.	24 Vac at 48 VA	12 in. leadwires	12 in. leadwires	Foot-mounted	NEMA type E	Energy limiting overload protection

\* TRADELINE models • SUPER TRADELINE models

Residential  
Combustion Controls

# Transformer Selection Guide

## Transformer Selection Guide

Transformers (NEMA Rated)								
Electrical Ratings-VA	Electrical Ratings - Input Voltage	Product Number	Mounting	Main Connections	Secondary Connections	Frequency	Dimensions (in.) H x W X D	Special Features
19VA	120 Vac	AT20A1123	F	L	L	A	2 x 2 1/4 x 1 7/8	
40VA	120 Vac	AT40A1162	F	L	L	A	2 3/32 x 2 5/8 x 2 3/16	
	120 Vac	AT72D1006	P	L	S	A	3 7/32 x 2 7/32 x (1 1/16 into x 2 in. above plate)	
	120 Vac	AT72D1089	F	L	S	A	3 7/32 x 2 7/32 x 3 1/1	
	120 Vac	AT72D1188	P	L	L	A	3 7/32 x 2 7/32 x 2 15/1	
	120 Vac	AT72D1683	M	L	S	A	3 7/32 x 2 7/32 x 3 1/16	
	120 Vac	AT72D1956	M	L	L	A	3 7/32 x 2 7/32 x 3 1/16	Canada
	208 Vac, 240 Vac	AT72D1691	M	L	S	A	3 7/32 x 2 7/32 x 3 1/16	
208 Vac, 240 Vac	AT72D1733	M	L	S	A	3 7/32 x 2 7/32 x 3 1/16	Canada	
48VA	277 Vac	AT87A1189	F	L	L	A	2 15/16 x 2 7/32 x 2 1/4	
	480 Vac	AT87A1155	F	L	L	A	2 15/16 x 2 7/32 x 2 1/4	
50VA	120 Vac, 208 Vac, 240 Vac	AT87A1106	M	L	S	A	2 15/16 x 2 7/32 x 2 1/4	

Residential  
Combustion Controls

Transformers (Not NEMA Rated)								
Electrical Ratings-VA	Electrical Ratings - Input Voltage	Product Number	Mounting	Main Connections	Secondary Connections	Frequency	Dimensions (in.) H x W X D	Special Features
20VA	120 Vac	AT120B1028	F	L	L	B	1 11/16 x 3 3/16 x 1 3/4	
	120 Vac, 208 Vac, 240 Vac	AT120A1004	M	L	S	B	2 7/8 x 1 7/8 x 2 15/16	
40VA	120 Vac	AT140A1000	M	L	S	B	3 3/16 x 2 3/8 x 3 1/8	
	120 Vac	AT140B1206	F	L	L	B	1 11/16 x 3 1/2 x 1 3/4	
	120 Vac, 208 Vac, 240 Vac	AT140A1018	M	L	S	B	3 3/16 x 2 3/8 x 3 1/8	
	120 Vac, 208 Vac, 240 Vac	AT140B1214	F	L	L	B	1 11/16 x 3 1/2 x 1 3/4	
	208 Vac, 240 Vac	AT140B1024	F	L,Q	L	B	1 11/16 x 3 1/2 x 1 3/4	
50VA	120 Vac, 208 Vac, 240 Vac	AT150A1007	M	L	S	B	1 11/16 x 3 3/16 x 1 3/4	
	120 Vac, 208 Vac, 240 Vac	AT150B1146	F	L	L	B	1 11/16 x 3 1/2 x 1 3/4	
	120 Vac, 208 Vac, 240 Vac	AT150F1022	M	L	L	B	3 3/16 x 2 3/16 x 3 5/8	Button for resetting circuit breaker & metal end bells
	208 Vac, 277 Vac, 480 Vac	AT150F1030	M	L	L	B	3 3/16 x 2 3/16 x 3 5/8	Button for resetting circuit breaker & metal end bells
	277 Vac	AT150B1252	F	L,Q	L,Q	A	1 11/16 x 3 1/2 x 1 3/4	
75VA	120Vac	AT175B1055	F	L	L	B	2 1/3 x 3 9/16 x 2 1/3	
	120 Vac, 208 Vac, 240 Vac	AT175A1008	M	L	S	B	3 3/16 x 2 3/8 x 3 5/8	
	120 Vac, 208 Vac, 240 Vac	AT175F1023	M	L	L	B	3 3/16 x 2 3/16 x 3 15/16	Button for resetting circuit breaker & metal end bells
	208 Vac, 277 Vac, 480 Vac	AT175F1031	M	L	L	B	3 3/16 x 2 3/16 x 3 15/16	Button for resetting circuit breaker & metal end bells
	120 Vac	AT88A1005	F	L	L	A	2 15/16 x 2 3/16 x 3 5/16	
	208 Vac, 240 Vac	AT88A1021	F	L	L	A	2 15/16 x 2 3/16 x 3 5/16	
	480 Vac	AT88A1047	F	L	L	A	2 15/16 x 2 3/16 x 3 5/16	