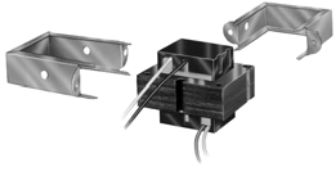


Transformers

AT20; AT40 NEMA Standard Universal Stripped-Down Transformer



Power a 24V control system; for direct mounting, or horizontal or vertical foot-mounting.

- Channel frame mounting feet and slots allow for the three mounting positions.
- Color-coded leadwires for primary connections.
- Overload protection provided.
- Energy limiting, meet NEMA DC20-1992 Standard. Marked NEMA Type B.
- Meet NEC Class 2 not wet, Class 3 wet and U.L. 1585 requirements.
- Mount within proper enclosure.

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

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

Product Number	Dimensions, Approximate	Electrical Ratings			Electrical Connections (main)		Mounting	NEMA Rating
	(inch)	(Primary Voltage)	(Secondary Voltage)	(Output)	(Primary) (inch)	(Secondary) (inch)		
* AT20A1123	2 in. high x 2 1/4 in. wide x 1 7/8 in. deep	120 Vac	26.5 V.O.C.	24 Vac at 19 VA	9 in. color coded primary and secondary leadwires	9 in. color coded primary and secondary leadwires	Channel Frame Mounting allows for Direct, Horizontal, or Vertical Foot mounting.	NEMA type B

* TRADELINE models • SUPER TRADELINE models

AT72 NEMA Standard Transformer



24V control circuit step-down transformer designed to power any 24V control system, including thermostats, gas valves and relays.

- Override protection provided.
- Color-coded leadwires for primary connections.
- Energy limiting, meets NEMA Standard DC20-1992.
- Transformer is marked NEMA Type D.
- Meets NEC Class 2 not wet, Class 3 wet and U.L. 1585 requirements.
- Mount within proper enclosure.

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

Approvals:
Canadian Standards Association: Certified
N.E.C. NEC Approved.
Underwriters Laboratories Inc. UL Component Recognized.

Product Number	Dimensions, Approximate	Electrical Ratings			Electrical Connections (main)		Mounting	NEMA Rating
	(inch)	(Primary Voltage)	(Secondary Voltage)	(Output)	(Primary) (inch)	(Secondary) (inch)		
AT72D1006	3 7/32 in. high x 2 7/32 in. wide x (1 1/16 into plate x 2 in. above plate) deep	120 Vac	26.5 V.O.C.	24 Vac at 40 VA	9 in. leadwires	(2) screw terminals	4 x 4 in. plate-mounted, protruding into junction box.	NEMA type D
AT72D1188	3 7/32 in. high x 2 7/32 in. wide x 2 15/16 in. deep	120 Vac	26.5 V.O.C.	24 Vac at 40 VA	9 in. leadwires	9 in. leadwires	4 x 4 in. plate mounted without protruding into junction box.	NEMA type D
AT72D1683	3 7/32 in. high x 2 7/32 in. wide x 3 1/16 in. deep	120 Vac	26.5 V.O.C.	24 Vac at 40 VA	9 in. leadwires	(2) screw terminals	Can be foot mounted, plate mounted on 4 x 4 in., 4 in. octagon, or 2 x 4 in. electrical boxes (transformer all above plate or 3/4 above plate); or clamp mounted via a junction box knockout.	NEMA type D
AT72D1691	3 7/32 in. high x 2 7/32 in. wide x 3 1/16 in. deep	208 Vac, 240 Vac	26.5 V.O.C.	24 Vac at 40 VA	9 in. leadwires	(2) screw terminals	Can be foot mounted, plate mounted on 4 x 4 in., 4 in. octagon, or 2 x 4 in. electrical boxes (transformer all above plate or 3/4 above plate); or clamp mounted via a junction box knockout.	NEMA type D

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	