

AT20; AT40 NEMA Standard Universal Stripped-Down Transformer



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

Electrical Connections (main)

Primary: 9 in. color coded primary and secondary leadwires (229 mm color coded primary and secondary leadwires)

Secondary: 9 in. color coded primary and secondary leadwires (229 mm color coded primary and secondary leadwires)

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.
- Meet NEC Class 2 not wet, Class 3 wet and U.L. 1585 requirements.
- Mount within proper enclosure.

Mounting: Channel Frame Mounting allows for Direct, Horizontal, or Vertical Foot mounting.

Approvals

Canadian Standards Association: Certified

Underwriters Laboratories, Inc: UL Component Recognized.

Product Number	Dimensions, Approximate		Electrical Ratings			NEMA Rating
	(inch)	(mm)	(Primary Voltage)	(Secondary Voltage)	(Output)	
* AT20A1123/U	2 in. high x 2 1/4 in. wide x 1 7/8 in. deep	50.8 mm high x 57 mm wide x 47.6 mm deep	120 Vac	26.5 V.O.C.	24 Vac at 19 VA	NEMA type B
* AT40A1121/U	2 3/32 in. high x 2 5/8 in. wide x 2 3/16 in. deep	53 mm high x 67 mm wide x 56 mm deep	120 Vac	26.5 V.O.C.	24 Vac at 40 VA	NEMA type D
* AT40A1139/U	2 3/32 in. high x 2 5/8 in. wide x 2 3/16 in. deep	53 mm high x 67 mm wide x 56 mm deep	240 Vac	26.5 V.O.C.	24 Vac at 40 VA	NEMA type D

* 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: 50 Hz; 60 Hz

NEMA Rating: NEMA type D

Approvals

Canadian Standards Association: Certified

N.E.C. NEC Approved.

Underwriters Laboratories, Inc: UL Component Recognized.

Product Number	Electrical Connections (main)			
	(Primary) (mm)	(Primary) (inch)	(Secondary) (mm)	(Secondary) (inch)
AT72D1006/U	229 mm leadwires	9 in. leadwires	(2) screw terminals	(2) screw terminals
AT72D1188/U	229 mm leadwires	9 in. leadwires	229 mm leadwires	9 in. leadwires
AT72D1683/U	229 mm leadwires	9 in. leadwires	(2) screw terminals	(2) screw terminals
AT72D1691/U	229 mm leadwires	9 in. leadwires	(2) screw terminals	(2) screw terminals

Product Number	Dimensions, Approximate		Electrical Ratings			Mounting
	(inch)	(mm)	(Primary Voltage)	(Secondary Voltage)	(Output)	
AT72D1006/U	3 7/32 in. high x 2 7/32 in. wide x (1 1/16 into plate x 2 in. above plate) deep	81.8 mm high x 56.4 mm wide x (27 mm into box x 50.8 mm above box) deep	120 Vac	26.5 V.O.C.	24 Vac at 40 VA	4 x 4 in. plate-mounted, protruding into junction box
AT72D1188/U	3 7/32 in. high x 2 7/32 in. wide x 2 15/16 in. deep	81.8 mm high x 56.4 mm wide x 74.6 mm deep	120 Vac	26.5 V.O.C.	24 Vac at 40 VA	4 x 4 in. plate mounted without protruding into junction box.
* AT72D1683/U	3 7/32 in. high x 2 7/32 in. wide x 3 1/16 in. deep	81.8 mm high x 56.4 mm wide x 77.8 mm deep	120 Vac	26.5 V.O.C.	24 Vac at 40 VA	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.
* AT72D1691/U	3 7/32 in. high x 2 7/32 in. wide x 3 1/16 in. deep	81.8 mm high x 56.4 mm wide x 77.8 mm deep	208 Vac, 240 Vac	26.5 V.O.C.	24 Vac at 40 VA	

* TRADELINE models • SUPER TRADELINE models