

POWER SUPPLIES

CONTROL TRANSFORMERS XFMR SERIES



Value
line

DESCRIPTION

The **XFMR Series** of voltage transformers provide nominal 24 VAC control voltage. These transformers are intended for NEMA 1 installation and should be installed in compliance with all national and local electrical codes.

FEATURES

- VA ratings from 40 VA to 500 VA
- Low cost
- One year warranty
- UL Listed (File #E223965) (#E223966 for HD models)

WIRING

Primary Wires* (cap off unused primary wires)

480 VAC	Gray	120 VAC	White
277 VAC	Brown	Common	Black
240 VAC	Orange		
208 VAC	Red		

Secondary Wires**

24 VAC Brown or Blue

*XFMR40FC isolation transformer features red 24 VAC primary wires

**XFMR40HA, XFMR50HA feature secondary terminals



XFMR50JA



XFMR75HB



XFMR100HC



XFMR150FA



XFMRHD300E



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SPECIFICATIONS

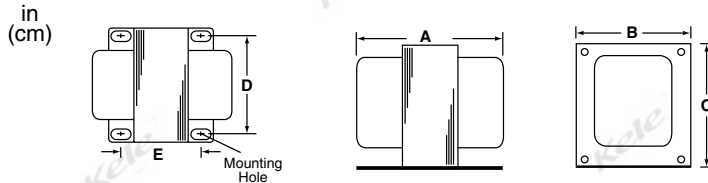
Model	VA Rating	Primary Voltage	Secondary Voltage	Frequency	Circuit Breaker	Mounting
XFMR40FC	40 VA	24 VAC	24 VAC	50/60	No	1 Hub + Foot
XFMR40FB	40 VA	120 VAC	24 VAC	50/60	No	2 Hub + Foot
XFMR40HA	40 VA	120/208/240 VAC	24 VAC	50/60	No	1 Hub + Foot
XFMR50FA	50 VA	120 VAC	24 VAC	50/60	No	2 Hub + Foot
XFMR50HA	50 VA	120/208/240 VAC	24 VAC	50/60	No	1 Hub + Foot
XFMR50HB	50 VA	120/208/240/277/480 VAC	24 VAC	50/60	Yes, 2.5A trip point	1 Hub + Foot
XFMR50JA	75 VA	120/208/240 VAC	24 VAC	50/60	No	1 Hub + Foot
XFMR75HB	75 VA	120/208/240/277/480 VAC	24 VAC	50/60	Yes, 4A trip point	1 Hub + Foot
XFMR75HC	75 VA	120/208/240/277/480 VAC	24 VAC	50/60	Yes, 4A trip point	2 Hub + Foot
XFMRHD100E	100 VA	120/240 VAC	24 VAC	50/60	No	Foot
XFMR100HC	100 VA	120/208/240/480 VAC	24 VAC	50/60	Yes, 4A trip point	2 Hub + Foot
XFMR150FA	150 VA	120 VAC	24 VAC	50/60	Yes, 10A trip point	1 Hub + Foot
XFMRHD150E	150 VA	120/240 VAC	24 VAC	50/60	No	Foot
XFMR175FA	175 VA	208/240 VAC	24 VAC	50/60	No	2 Hub + Foot
XFMR240FA	240 VA	120 VAC	24 VAC	50/60	No	1 Hub + Foot
XFMRHD300E	300 VA	120/240 VAC	24 VAC	50/60	No	Foot
XFMR375FA	375 VA	120 VAC	24 VAC	50/60	No	1 Hub + Foot
XFMRHD500E	500 VA	120/240 VAC	24 VAC	50/60	No	Foot



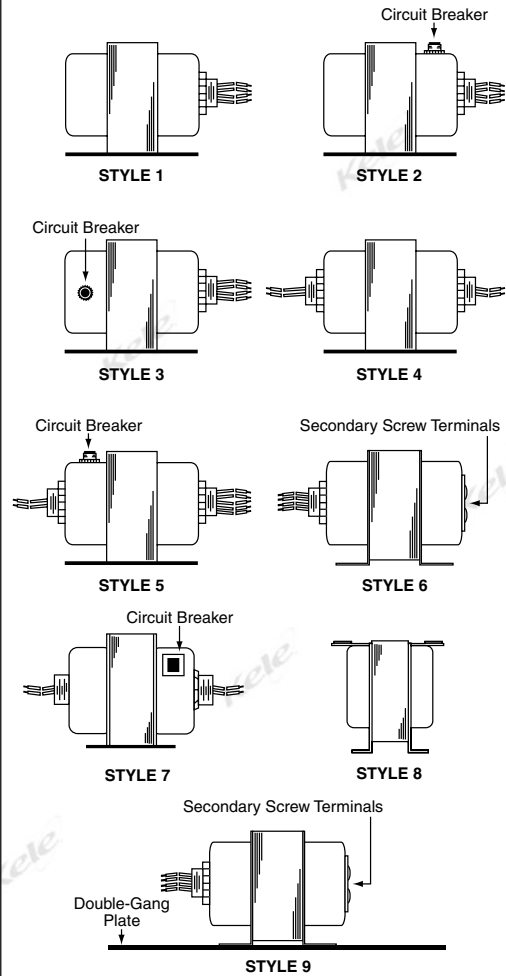
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DIMENSIONS



MODEL	DIMENSIONS in (cm)					WIRES	WEIGHT lb (kg)	STYLE
	A	B	C	D	E			
XFMR50HA	2.79 (7.09)	2.17 (5.5)	2.88 (7.3)	1.81 (4.6)	2.01 (5.1)	8.0 (20.3)	2.56 (1.16)	6
XFMR50JA	3.88 (9.85)	2.5 (6.35)	3.04 (7.62)	2 (5.08)	2.3 (5.84)	8.0 (20.3)	1.73 (0.79)	1
XFMR40FB	2.48 (6.3)	2.17 (5.5)	2.88 (7.3)	1.81 (4.6)	1.75 (4.4)	8.0 (20.3)	1.73 (0.79)	7
XFMR40FC	2.48 (6.3)	2.17 (5.5)	2.88 (7.3)	1.81 (4.6)	1.75 (4.4)	8.0 (20.3)	1.56 (0.71)	1
XFMR40HA	2.48 (6.3)	2.17 (5.5)	2.88 (7.30)	1.81 (4.6)	1.75 (4.4)	8.0 (20.3)	4.32 (1.95)	9
XFMR50FA	2.79 (7.09)	2.17 (5.5)	2.88 (7.3)	1.81 (4.6)	2.01 (5.1)	8.0 (20.3)	3.86 (1.75)	4
XFMR150FA	3.55 (9.01)	3.79 (9.6)	3.2 (8.1)	3.14 (7.76)	2.48 (6.30)	8.0 (20.3)	5.16 (2.45)	3
XFMR175FA	4.12 (10.46)	3.8 (9.7)	3.2 (8.13)	3.14 (7.98)	3.19 (8.10)	8.0 (20.3)	7.28 (3.09)	4
XFMR240FA	3.72 (9.4)	3.8 (9.7)	4.52 (11.4)	3.18 (8.1)	3.242 (8.2)	8.0 (20.3)	8.60 (3.91)	1
XFMR375FA	4.315 (11.0)	3.8 (9.7)	4.52 (11.4)	3.18 (8.1)	3.83 (9.7)	8.0 (20.3)	12.57 (5.71)	1
XFMR50HB	3.45 (9.3)	2.5 (6.4)	3.06 (7.8)	2.03 (5.2)	1.91 (4.9)	8.0 (20.3)	3.31 (1.50)	2
XFMR75HB	2.79 (7.09)	2.17 (5.50)	2.88 (7.30)	1.81 (4.60)	2.01 (5.1)	8.0 (20.3)	3.86 (1.75)	2
XFMR75HC	3.87 (9.8)	2.5 (6.4)	3.06 (7.80)	2.03 (5.2)	2.31 (5.9)	8.0 (20.3)	3.86 (1.75)	5
XFMR100HC	4.05 (10.29)	2.5 (6.4)	3.06 (7.80)	2.03 (5.2)	2.51 (6.38)	8.0 (20.3)	4.85 (2.20)	5
XFMRHD100E	3.35 (8.50)	2.89 (7.33)	3.38 (8.58)	2.93 (74.5)	2.81 (7.15)	Terminals	4.20 (1.91)	8
XFMRHD150E	3.60 (9.15)	3.78 (9.60)	3.22 (8.18)	3.43 (8.72)	3.12 (7.93)	Terminals	6 (2.73)	8
XFMRHD300E	4.80 (12.20)	4.49 (11.40)	3.88 (9.68)	3.13 (7.95)	3.74 (9.51)	Terminals	9 (4.10)	8
XFMRHD500E	5.93 (13.70)	4.49 (11.40)	3.88 (9.68)	4.13 (10.50)	3.74 (9.51)	Terminals	12.5 (5.68)	8



ORDERING INFORMATION

MODEL	DESCRIPTION
XFMR40FC	Transformer 24:24 VAC 40 VA
XFMR40FB	Transformer 120:24 VAC 40 VA
XFMR40HA	Transformer 120/208/240:24V 40VA
XFMR50FA	Transformer 120:24 VAC 50 VA
XFMR50HA	Transformer 120/208/240:24 V 50 VA
XFMR50HB	Transformer 120/208/240/277/480:24 VAC 50 VA
XFMR50JA	Transformer 120/208/240:24 V 75 VA
XFMR75HB	Transformer 120/208/240/277/480:24 VAC 75 VA
XFMR75HC	Transformer 120/208/240/277/480:24 VAC 75 VA
XFMRHD100E	Transformer 120/240:24 V 100 VA
XFMR100HC	Transformer 120/208/240/480:24 VAC 100 VA
XFMR150FA	Transformer 120:24 VAC 150 VA
XFMRHD150E	Transformer 120/240:24 V 150 VA
XFMR175FA	Transformer 208/240:24 VAC 175 VA
XFMR240FA	Transformer 120:24 VAC 240 VA
XFMRHD300E	Transformer 120/240:24 V 300 VA
XFMR375FA	Transformer 120:24 VAC 375 VA
XFMRHD500E	Transformer 120/240:24 V 500 VA