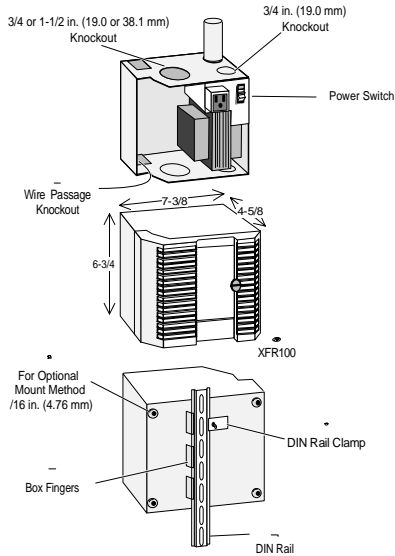


# AS-XFR Series Transformer Module



**AS-XFR Transformer Module**

## Description

The AS-XFR Series Transformer Module is a UL Class 2 device used to power digital controllers and input/output loads. It provides 120 VAC to 24 VAC isolation. Three different models are available (see selection chart below), all of which include a split-bobbin for added noise immunity and a manually re-settable breaker on the secondary connection. The secondary connection includes a modular connector for use with AHU controllers and Companion products. Ground wires are electrically and mechanically connected to the transformer frame.

The XFR100 is a 100 VA transformer pre-mounted in an EN-ENC100 enclosure. It includes a power switch and a utility outlet. The enclosure can be vertically mounted with a DIN rail or directly mounted to a wall, and supports multiple 3/4 in. and 1-1/2 in. conduit connections.

The XFR010 is a 100 VA transformer without an enclosure. It can be used in any appropriate UL-listed enclosure and is used as a replacement transformer for the XFR100 or in EWC35/45 Series enclosures.

The XFR050 is a 50 VA transformer without an enclosure. It can be used in any appropriate UL-listed enclosure and is used as a replacement transformer for the EWC15/25 Series enclosures.

## Features

- choice of 50 VA or 100 VA power rating
- color-coded wire leads for simple installation
- split-bobbin design for better noise immunity
- resettable breaker on the secondary that trips on shorts or overloads

## Applications

XFR Series Transformers are used to power digital controllers and input/output loads. To determine which transformer is correct for your application, see mounting and wiring instructions for individual controllers.

## To Order

Specify the code number from the following selection chart.

## Selection Chart

Code Number	Power Rating	Primary		Secondary		Enclosure
		Voltage	Electrical Connection	Voltage	Electrical Connection	
AS-XFR100-1	100 VA	120	18 AMG, 12 in., black, white, green/yellow, Stripped 3/8 in.	24	16 AMG, 20 in., brown, orange, MOLEX connector	AS-ENC100
AS-XFR010-1	100 VA				18 AMG, 20 in., brown, orange, green/yellow, MOLEX connector	None
AS-XFR050-0	50 VA					

## Specifications

AS-XFR Series Transformer Module	
Electrical Rating	100 VA, primary, 120 VAC/60 Hz secondary, 24 VAC/60 Hz
Operating Conditions	0 to 50°C (32 to 120°F)
Agency Compliance	UL 864/916 and CSA C22.2 No. 205
Agency Listings	UL Listed and CSA Certified
Dimensions H x W x D	AS-XFR100-1 6.75 in. x 7.38 in. x 4.63 in.
	AS-XFR010-1 3.75 in. x 3.75 in. x 3.50 in.
	AS-XFR050-0 2.80 in. x 4.50 in. x 3.25 in.
Shipping Weight	AS-XFR100-1 3.05 kg (6.7lbs.)
	AS-XFR010-1 2.15 kg (4.7 lbs.)
	AS-XFR050-0 1.2 kg (2.6 lbs)