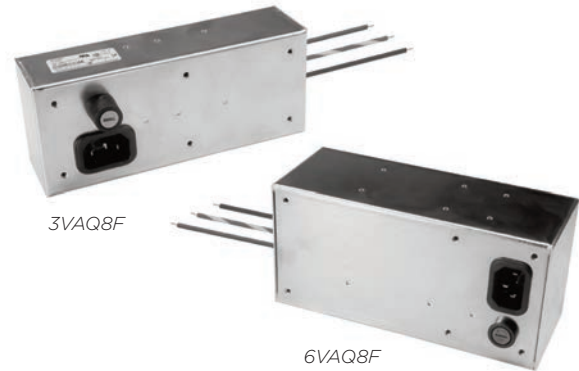


**High Frequency Power Line Filter or Power Entry Module**

# AQ Series



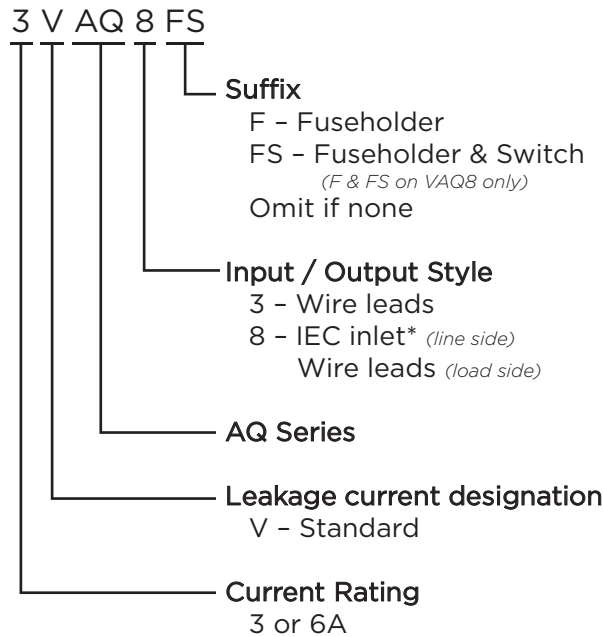
UL Recognized  
CSA Certified



## AQ Series

- Low cost solution to power line noise at high frequencies
- High common and differential mode performance from 10kHz to 1GHz
- Available with an IEC inlet, fuseholder and switch
- Suitable for applications where computers are used to process secret or confidential information

## Ordering Information



## Available Part Numbers

3VAQ3	6VAQ3
3VAQ8F	6VAQ8F
3VAQ8FS	6VAQ8FS

\*IEC 60320-1 C14 inlet mates with C13 connector

## Specifications

### Maximum leakage current each Line to Ground:

	3A Models	6A Models
@ 120 VAC 60 Hz:	1.2 mA	.7 mA
@ 250 VAC 50 Hz:	2.3 mA	1.2 mA

### Hipot rating (one minute):

Line to Ground:	2250 VDC
Line to Line:	1450 VDC

### Rated Voltage (max):

250 VAC

### Operating Frequency:

50/60 Hz

### Rated Current:

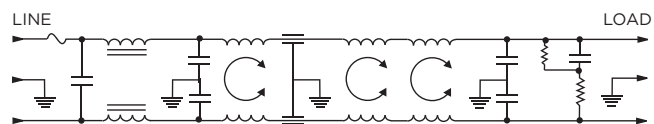
3 or 6A

### Operating Ambient Temperature Range

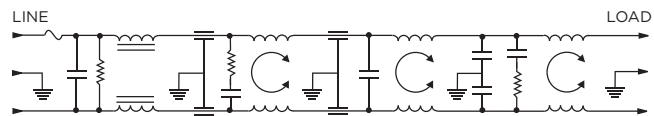
(at rated current  $I_r$ ): -10°C to +40°C  
In an ambient temperature ( $T_a$ ) higher than +40°C the maximum operating current ( $I_o$ ) is calculated as follows:  $I_o = I_r \sqrt{(85-T_a)/45}$

## Electrical Schematics

### 3A Models

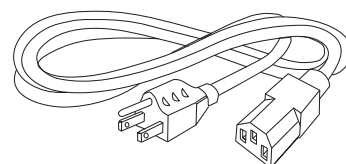


### 6A Models



## Accessories

GA400: NEMA 5-15P to IEC 60320-1 C-13 line cord

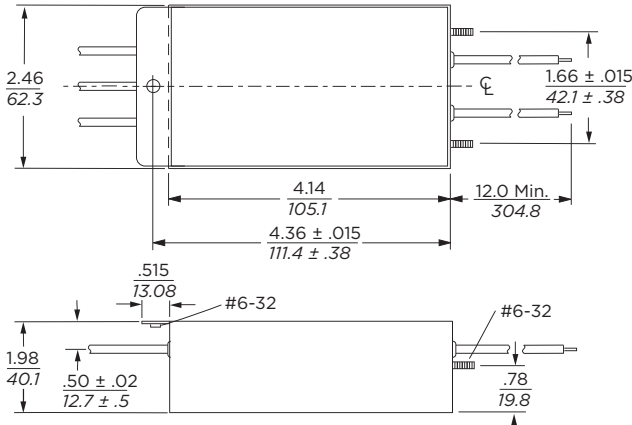


High Frequency Power Line Filter or Power Entry Module *(continued)*

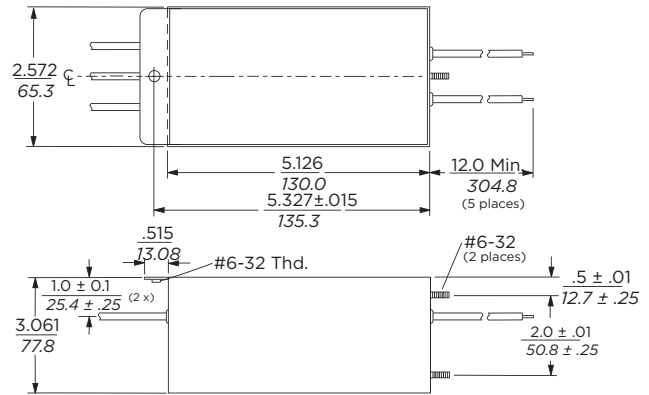
# AQ Series

## Case Styles and Dimensions

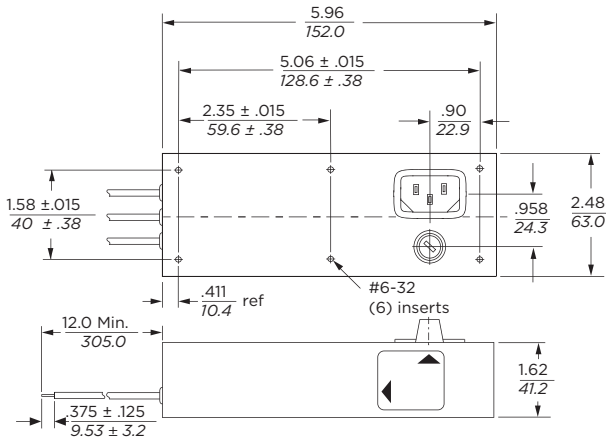
### 3VAQ3



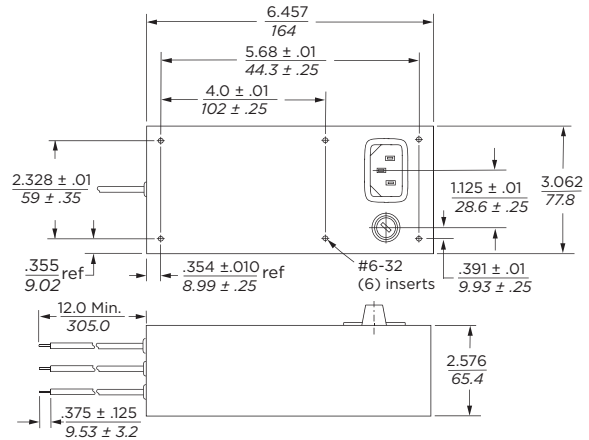
### 6VAQ3



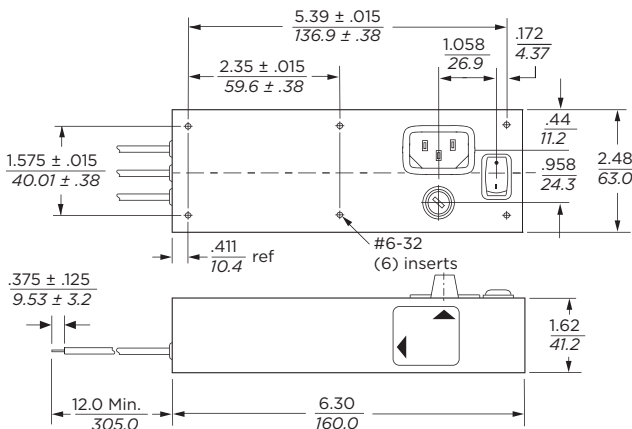
### 3VAQ8F



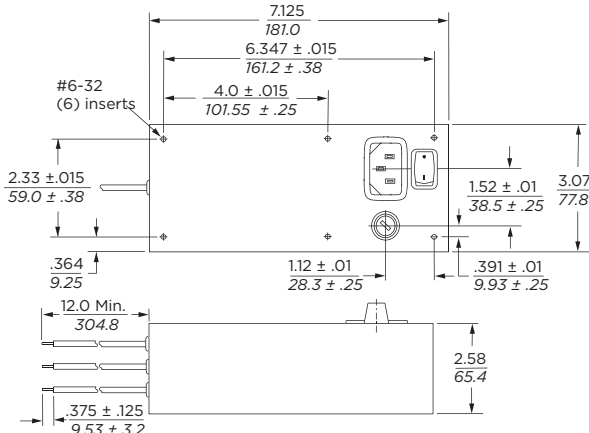
### 6VAQ8F



### 3VAQ8FS



### 6VAQ8FS



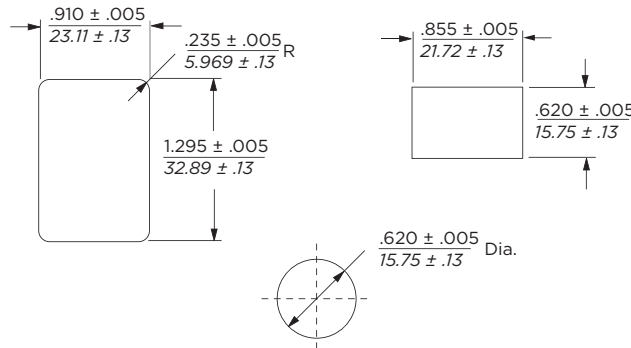
Dimensions are in inches and millimeters unless otherwise specified. Values in italics are metric equivalents. Dimensions are shown for reference purposes only. Specifications subject to change.

For email, phone or live chat, please go to [te.com/help](http://te.com/help) or [corcom.com](http://corcom.com)

**High Frequency Power Line Filter or Power Entry Module** *(continued)*

# AQ Series

## Recommended Panel Cutouts

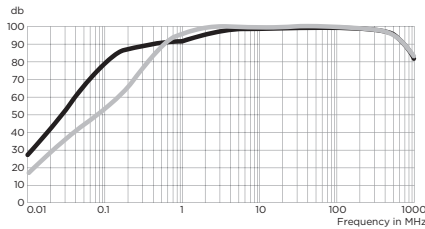


## Performance Data

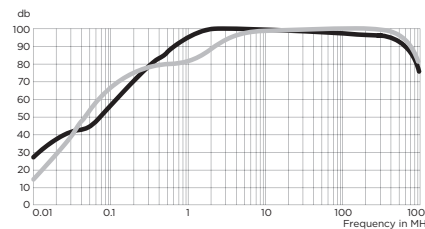
### Typical Insertion Loss

Measured in closed 50 Ohm system

**3VAQ**



**6VAQ**



— Common Mode / Asymmetrical (L-G)  
- - - Differential Mode / Symmetrical (L-L)

### Minimum Insertion Loss

Measured in closed 50 Ohm system

Common Mode / Asymmetrical (Line to Ground)

Current Rating	Frequency – MHz								
	.01	.1	.5	1	10	50	100	300	1000
3A	10	80	88	88	100	100	100	93	85
6A	26	59	80	80	100	100	100	93	85

Differential Mode / Symmetrical (Line to Line)

Current Rating	Frequency – MHz								
	.01	.1	.5	1	10	50	100	300	1000
3A	6	51	78	88	100	100	100	93	85
6A	10	65	86	95	100	100	100	93	85

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)