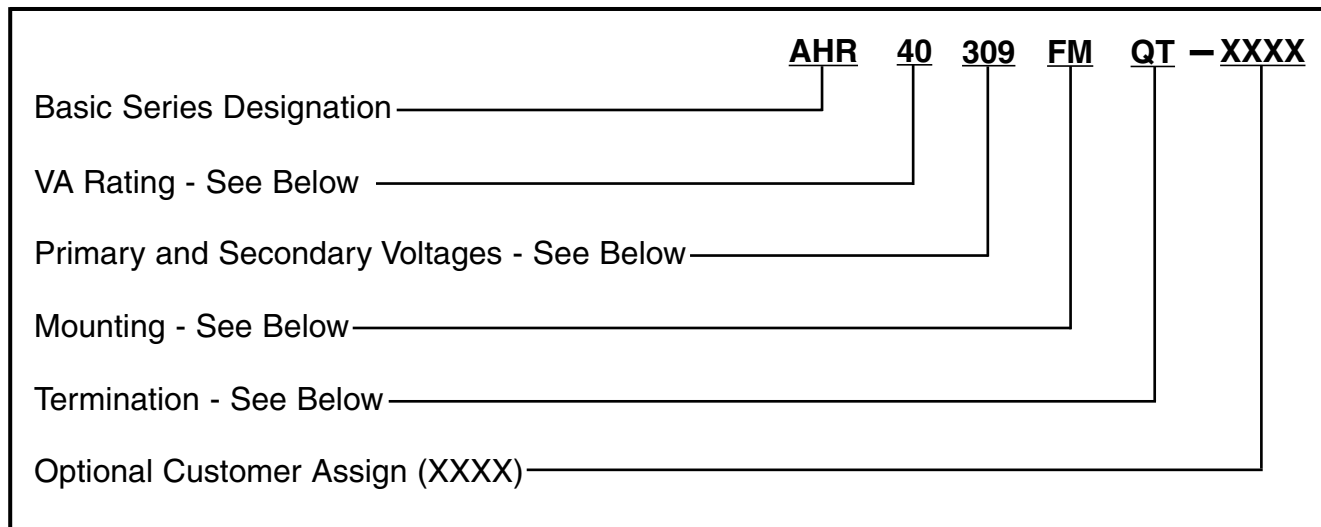


AHR Series 30-40VA Power Transformer

PART NUMBERING SYSTEM



Part number ordering information.

MOUNTING

Designator	Mounting Type
FM	Foot Mount, Bracket
MM	Multi Mount Adapter Plate
PM	Panel Mount, Lam Holes
FC	Screw Term

VA RATING

Designator	Secondary VA
30	30
40	40

PRIMARY & SECONDARY VOLTAGES

Designator	Primary Volts	Secondary Volts	Freq. Hz
309	120	24	60
310	208/240	24	50/60
311	120	24	50/60
312	240	24	50/60
313	277	24	50/60
314	480	24	50/60
315	380/415	24	50/60
316	575	24	50/60
317	120/240	24	50/60
318	120/208/240	24	50/60

TERMINATION

Designator	Terminal Type
NIL	No QD or Wire
QT	Top Quick Disconnect
Q1	One Side QD
Q2	Both Sides QD
W	Wire Leads
QW	QD and Wire Leads

NOTES

1. This is a partial listing only, consult factory for your specific requirements. All voltage & VA combinations may not be available.
2. Example: AHR40309FMQT-5555. This part is a 40V Class II transformer with a 120V Primary and 24V Secondary. This is a foot mount transformer with top mounted quick disconnect terminals.



ZETTLER Magnetics, Inc.

The Power to Transform

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o WEB SITE: <http://www.zettlermagnetics.com> o E-MAIL: sales@zettlermagnetics.com

AHR Series 30-40VA Power Transformer

30VA- 40VA WIRE LEAD CONNECT CLASS 2 UL1585 APPROVAL



FEATURES

- 30VA – 40VA Inherently energy limited
- Compact frame size
- No secondary fusing required
- Low Heat Rise
- Operation Frequency: 50/60 Hz
- Input Voltages ranging 120-575V, Output – 24V
- Terminations with screw, quick-connect or wire leads
- Panel mount, foot-mount, adapter plate, bell-housing available
- Customizable for wire color, terminations and other preferences
- Split bobbin design
- Class B insulation system 130°C rated
- UL/CUR File E214561

STANDARD MODELS AVAILABLE

Pri. - Sec. Voltage	30VA Standard Model Designation	40VA Standard Model Designation
120 – 24	AHR30309	AHR40309
208/240 – 24	AHR30310	AHR40310
120 – 24	AHR30311	AHR40311
240 – 24	AHR30312	AHR40312
277 – 24	AHR30313	AHR40313
480 – 24	AHR30314	AHR40314
380/415 – 24	AHR30315	AHR40315
575 – 24	AHR30316	AHR40316
120/240 – 24	AHR30317	AHR40317
120/208/240 – 24	AHR30318	AHR40318

GENERAL DATA

Mounting Options	Foot Mount, Bracket Multi Mount Adapter Plate Panel Mount, Lam Holes Screw Term.
Wire Size	All leads are 18 AWG stranded UL1015 Stranded wires have 300mm total length, with 10mm strip
Frequency	60 Hz, 50/60 Hz
Insulation System	130°C Class B
Weight	30VA multi-mount 1.86lbs 30VA foot-mount 1.50lbs 40VA multi-mount 2.14lbs 40VA foot-mount 1.78lbs

WIRE LEAD DETAILS

	Voltage	Color*	Length (mm)	Strip Length (mm)
Primary	COM	Black	300	10
	120	White	300	10
	208	Red	300	10
	240	Orange	300	10
	277	Brown	300	10
	480	Black/Red	300	10
	575	Grey	300	10
Secondary	24	Blue	300	10
	COM	Yellow	300	10

NOTES

Zettler Magnetics, INC. can custom build transformers to many different specifications. Contact Zettler Magnetics for more information.

* Suggested wire colors: consult factory for specific wire color requirements



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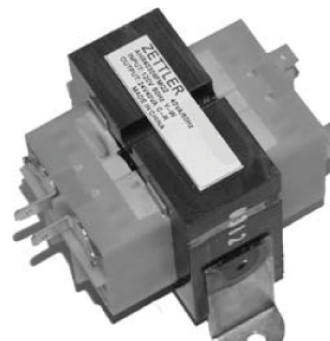
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AHR Series 30-40VA Power Transformer

**30 VA - 40VA QUICK CONNECT
CLASS 2 UL1585 APPROVAL**

FEATURES

- 30VA – 40VA Inherently energy limited
- Compact frame size
- No secondary fusing required
- Low Heat Rise
- Operation Frequency: 50/60 Hz
- Input Voltages ranging 120-575V, Output – 24V
- Terminations with quick-connect: top, one side, or both sides
- Customizable for wire color, terminations and other preferences
- Split bobbin design
- Class B insulation system 130°C rated
- UL/CUR File E214561



GENERAL DATA

Mounting Options	Foot Mount, Bracket Multi Mount Adapter Plate (4x4) Panel Mount, Lam Holes
Quick Connect Options	QT – Top mounted QD terminals Q1 – One side QD terminals Q2 – Both sides QD terminals
Quick Connect Size	Standard male quick connect terminals are .250 x .032
Frequency	60 Hz, 50/60 Hz
Insulation System	130°C Class B

STANDARD MODELS AVAILABLE

Pri. - Sec. Voltage	30VA Standard Model Designation	40VA Standard Model Designation
120 – 24	AHR30309	AHR40309
208/240 – 24	AHR30310	AHR40310
120 – 24	AHR30311	AHR40311
240 – 24	AHR30312	AHR40312
277 – 24	AHR30313	AHR40313
480 – 24	AHR30314	AHR40314
380/415 – 24	AHR30315	AHR40315
575 – 24	AHR30316	AHR40316
120/240 – 24	AHR30317	AHR40317
120/208/240 – 24	AHR30318	AHR40318

NOTES

Zettler Magnetics, Inc. can custom build transformers to many different specifications. Contact Zettler Magnetics directly for more information



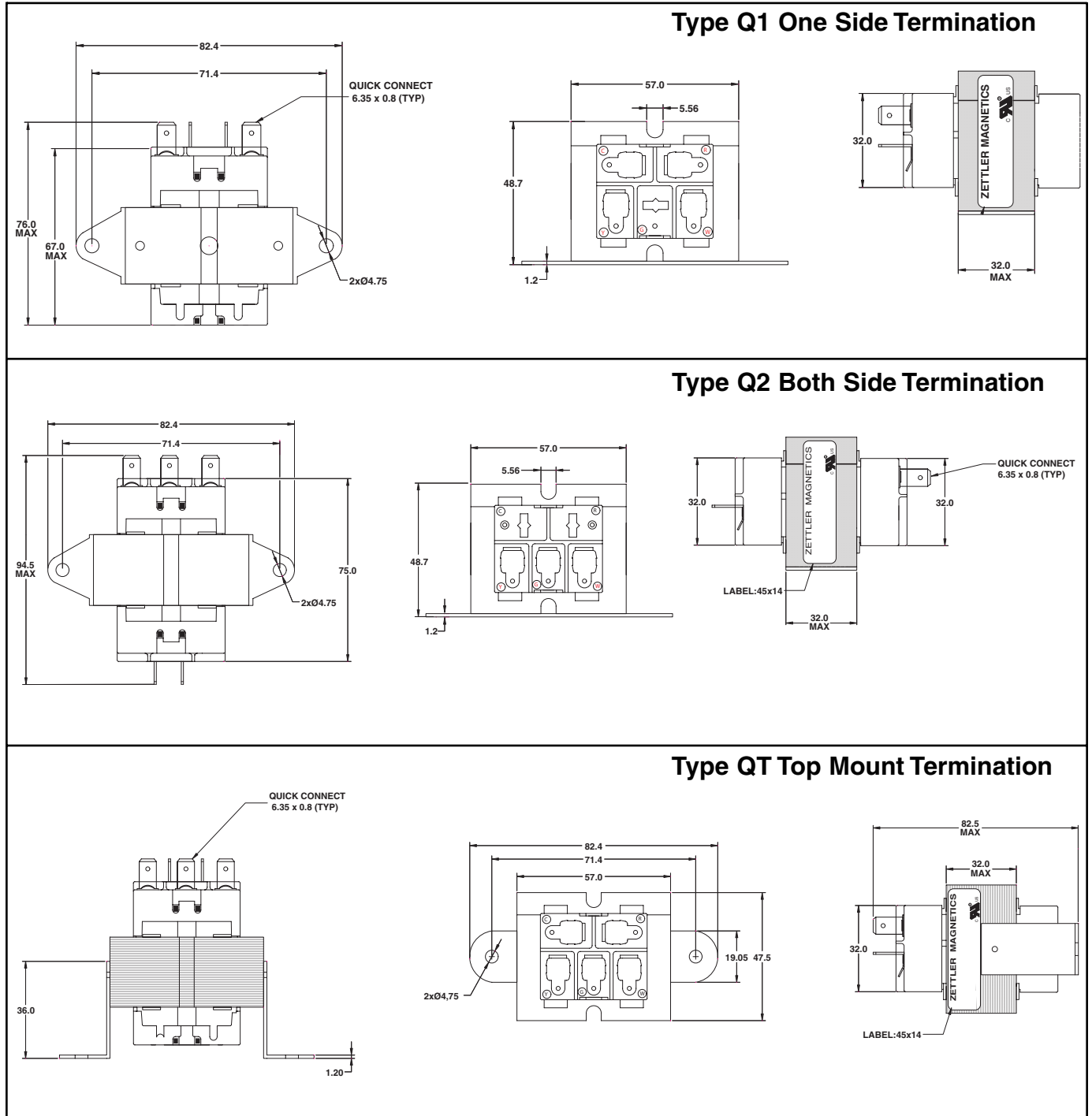
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AHR Series 30-40VA Power Transformer

**30VA - 40VA QUICK CONNECT
CLASS 2 UL1585 APPROVAL**

MECHANICAL DATA



All dimensions are shown in millimeters.



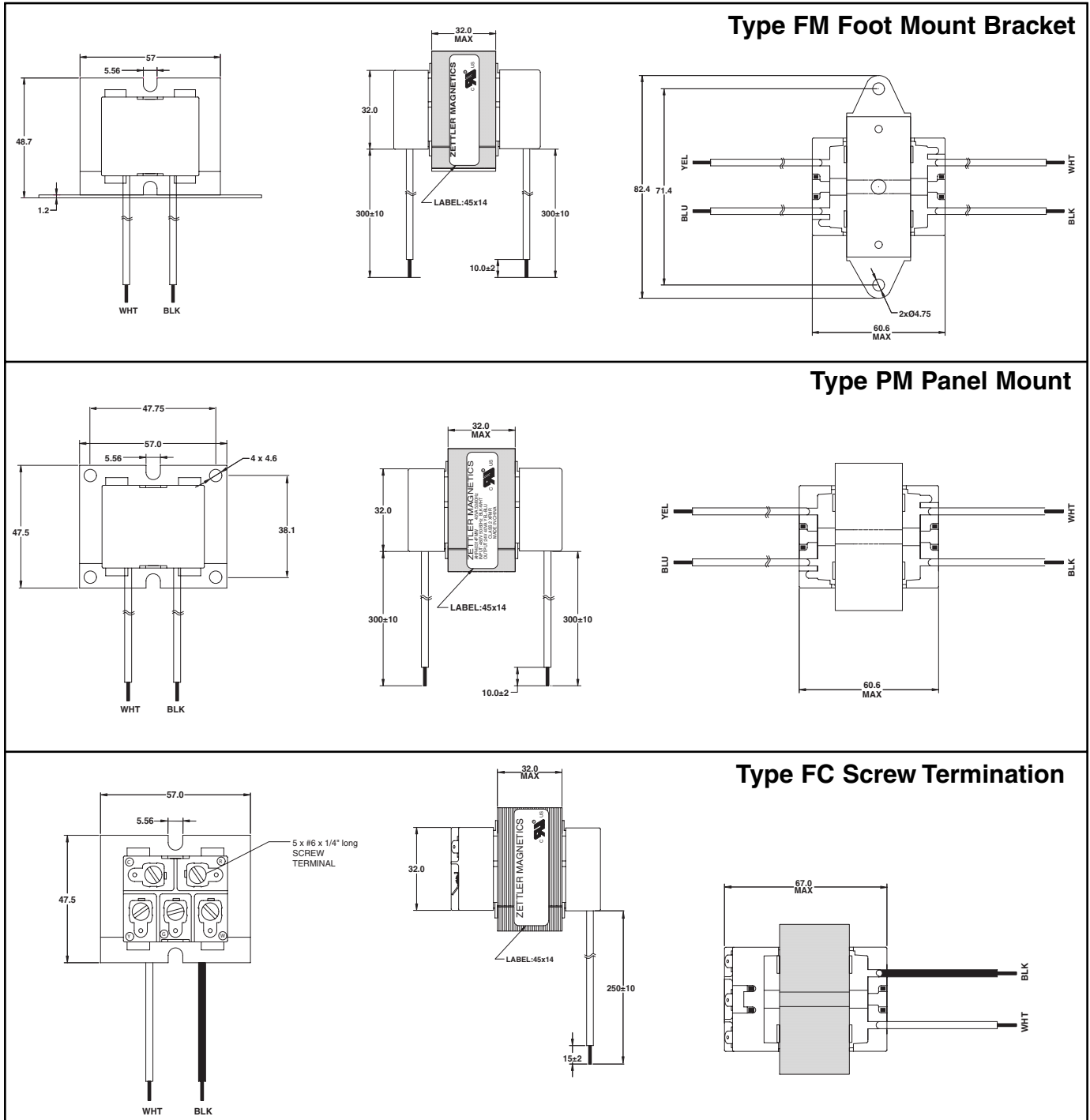
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AHR Series 30-40VA Power Transformer

**30VA- 40VA WIRE LEAD CONNECT
CLASS 2 UL1585 APPROVAL**

MECHANICAL DATA



All dimensions are shown in millimeters except as noted.



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