

AQ Series • High Accuracy - High Current - High O/P Voltage Current Transformers

Features

- High Accuracy, High Current, High Output Voltage Current Transformers
- 0.1-0.2% Accuracy Typical
- Excellent Linearity over rated current range
- 2.5kV Isolation
- Frequency 50-60Hz
- All materials UL94V-0
- Manufactured in an ISO 9001:2015 and ISO 14001:2015 certified Talema facility
- Fully RoHS & REACH Compliant



Applications:

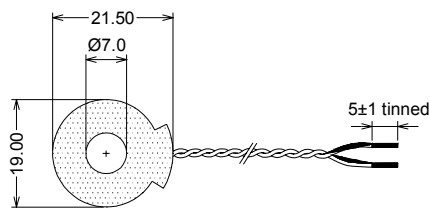
- Instrumentation
- Energy Meters
- EV Charging

Electrical Specifications at 20°C

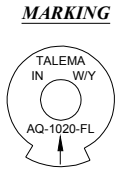
Part Number	Rated Current (Amps)	Turns	Burden Resistance (Ohms)	Output Voltage (Volts)	Max. Current (Amps)	DCR (Ohms)	Mounting
AQ-1020-FL	20	1000	15	0.30	40	78	Flying Leads
AQ-1020	20	1000	15	0.30	40	24	PCB
AQ-2532	32	2500	25	0.32	50	130	PCB
AQ-2563	63	2500	33	0.83	75	85	PCB
AQ-25125	125	2500	50	2.50	150	95	PCB

Mechanical Drawing

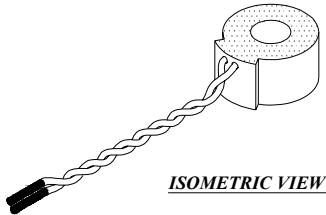
AQ-1020-FL




TOP VIEW



MARKING



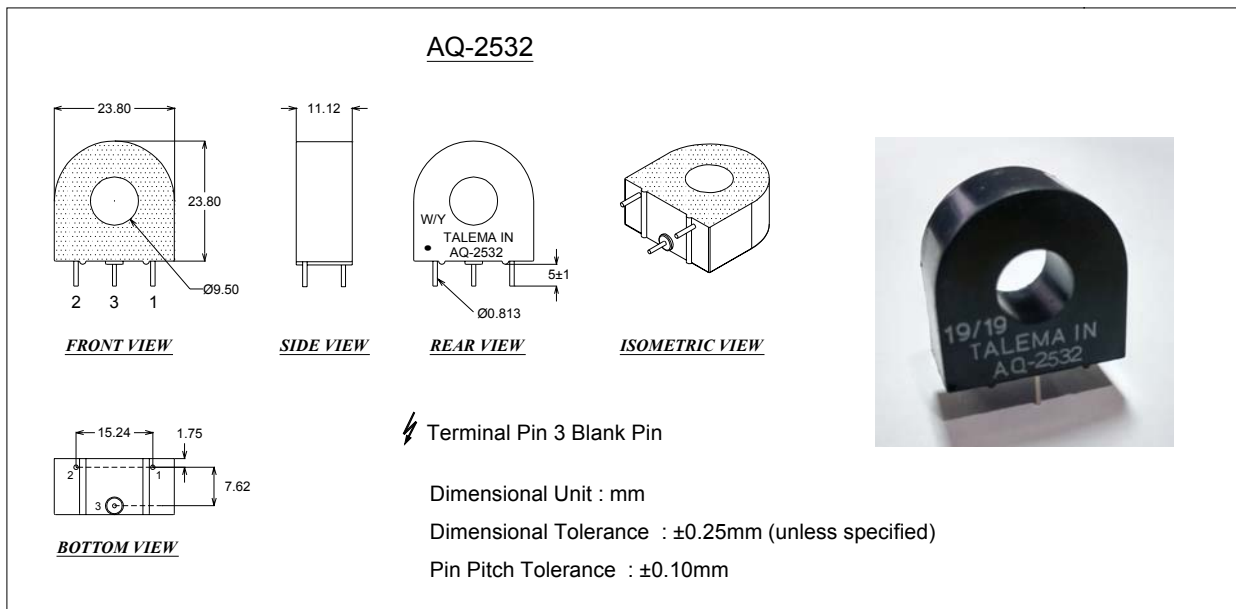
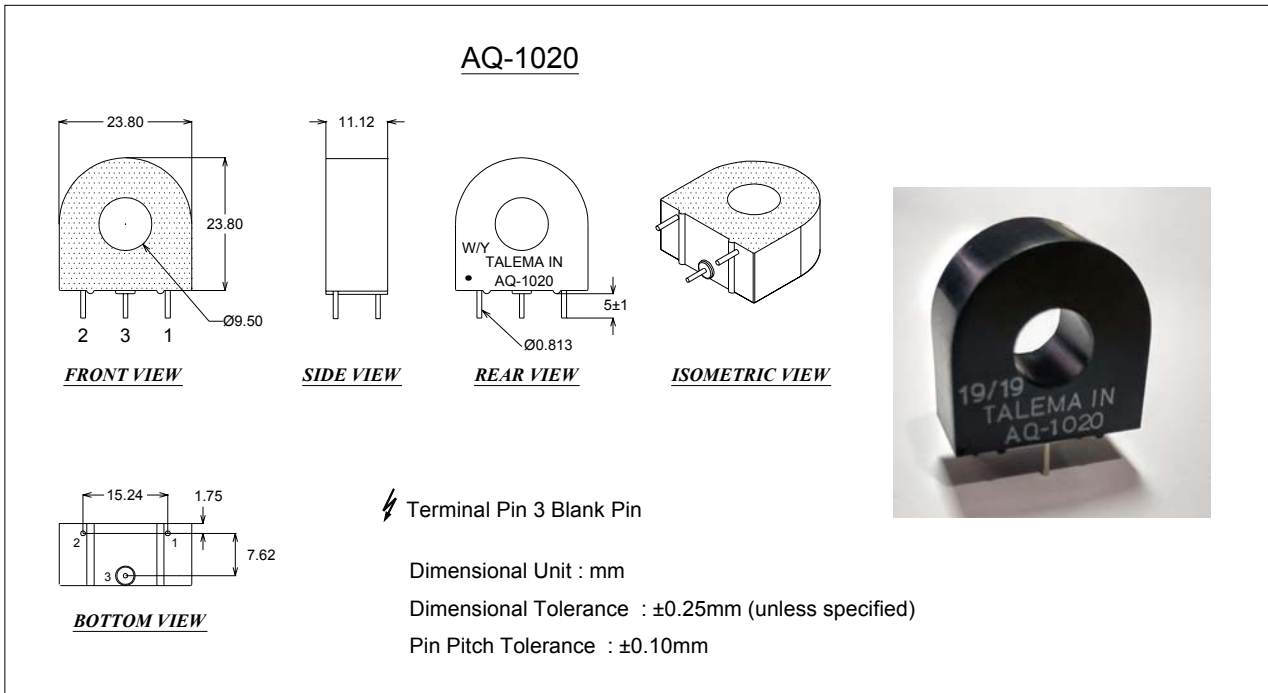
ISOMETRIC VIEW



Leadouts: Flex UL1569 AWG24, 300V Rating, 250±5mm long out of trafo with 5±1mm tinned ends

Dimensional Unit : mm
Dimensional Tolerance: ±0.25mm (unless specified)

Mechanical Drawing



Mechanical Drawing

AQ-2563

FRONT VIEW **SIDE VIEW** **BACK VIEW** **ISOMETRIC VIEW**

Terminal Pins 4x0.8mm

Terminal Pins 3 & 4 Blank Pins

Dimensional Unit : mm
 Dimensional Tolerance : ±0.25mm (unless specified)
 Pin Pitch Tolerance : ±0.10mm

AQ-25125

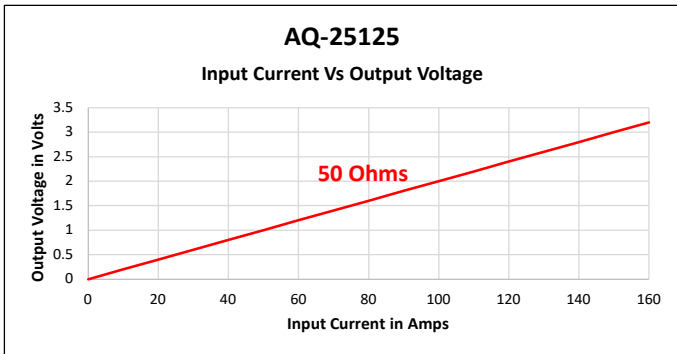
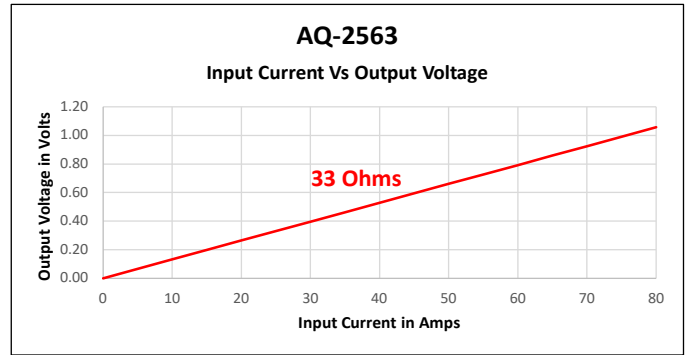
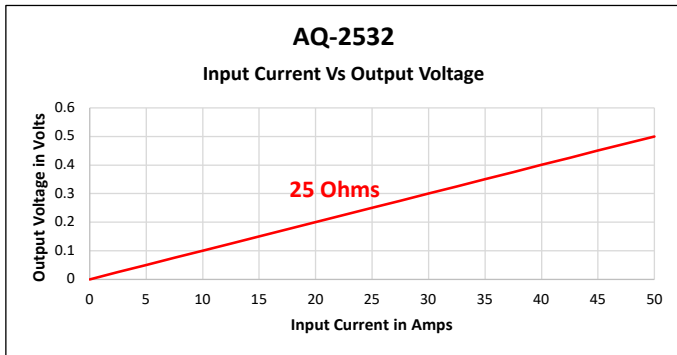
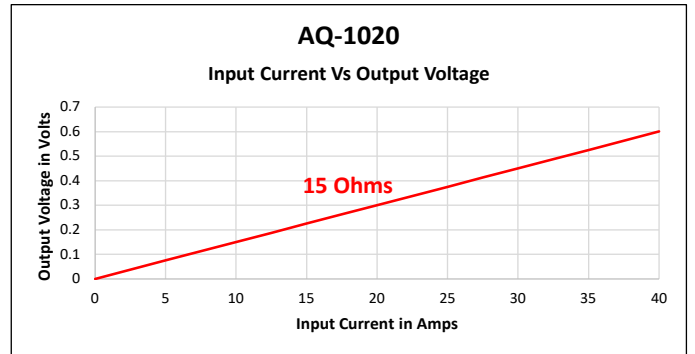
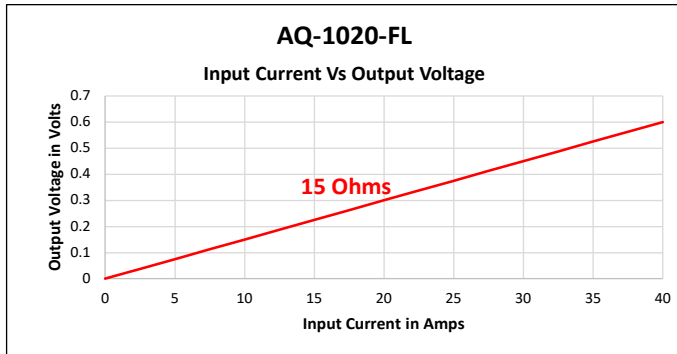
FRONT VIEW **SIDE VIEW** **BACK VIEW** **ISOMETRIC VIEW**

Terminal Pins 4x0.8mm

Terminal Pins 3 & 4 Blank Pins

Dimensional Unit : mm
 Dimensional Tolerance : ±0.25mm (unless specified)
 Pin Pitch Tolerance : ±0.10mm

Output Response at Rated Burden



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