

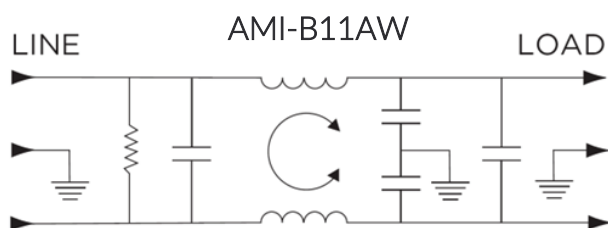
Features

- Very High CM inductance in compact housing
- Three Performance Levels
- Rated up to 6A
- No Earth leakage options for Medical applications

Applications

- Consumer goods
- Electrical and Electronics Equipment
- Power Supplies
- Test and Measurement Equipment

Typical Circuit Diagram



Approvals & Compliances



Technical Specifications

Maximum Continuous Operating voltage	250 VAC Max
Operating Frequency	50/60Hz
Rated Current	1 to 6A @40°C 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: $I_o = I_r \sqrt{(85 - T_a) / 45}$
Temperature range	-10°C to +40°C
High Potential Test Voltage	Line to Ground: 2250 VDC Line to Line: 1450 VDC

Product Selector

AMI-B11 AW1-13 - 6 - B

AW1= Standard Performance
AW2= High Performance
AW3= Very High Performance

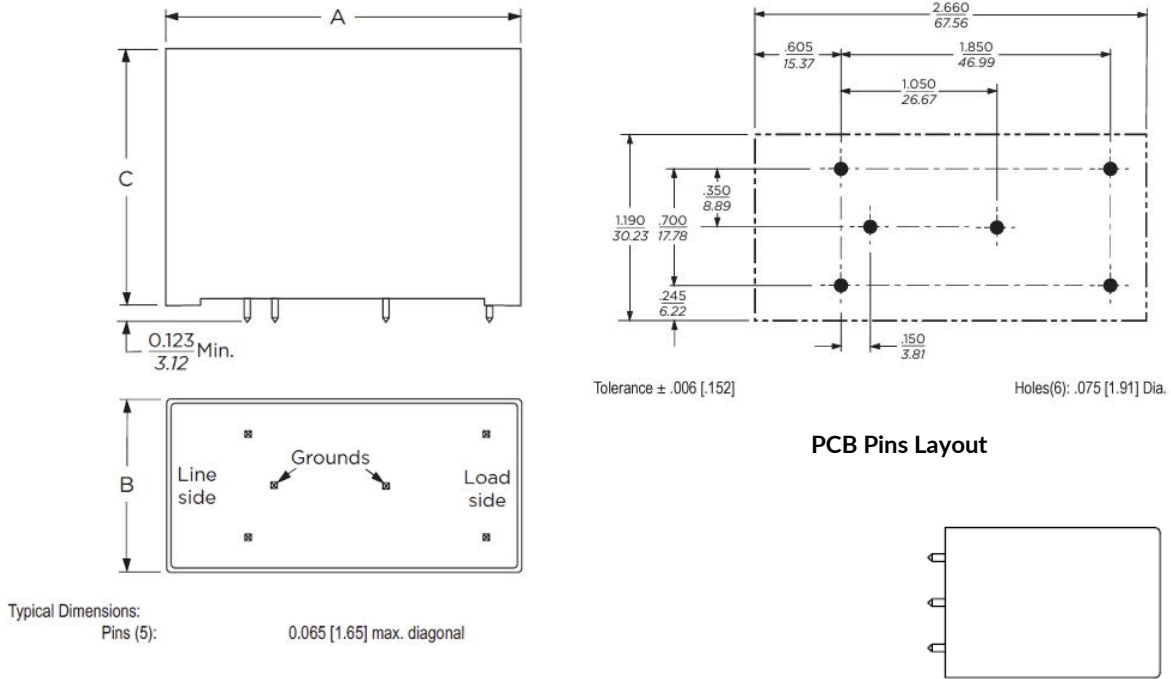
1 to 6 = Rated Current (A)

B = Standard Earth Leakage
Blank = No Earth Leakage

Selection Table

AMI Designation	Input/output Style		Current Rating	Inductance	Capacitance		Resistor	Leakage Current @ 120 VAC 60Hz/250 VAC 50Hz	TIL Insertion Loss
					Cx	Cy			
Available Part Numbers	6.3mm Spades Terminals	PCBA Style		mH	nF	pF	KΩ	mA	
					AMI-B11AW1-13-3-B	-			
AMI-B11AW1-13-3	-	13	3	2.3	370	-	820	0	
AMI-B11AW1-13-4-B	-	13	4	2.2	430	4000	560	0.3/0.5	002
AMI-B11AW1-13-4	-	13	4	2.2	430	-	560	0	
AMI-B11AW1-13-6-B	-	13	6	1.89	430	4000	560	0.3/0.5	003
AMI-B11AW1-13-6	-	13	6	1.89	430	-	560	0	
AMI-B11AW2-13-2-B	-	13	2	5.7	370	4000	820	0.3/0.5	004
AMI-B11AW2-13-2	-	13	2	5.7	370	-	820	0	
AMI-B11AW2-13-3-B	-	13	3	9.57	370	4000	820	0.3/0.5	005
AMI-B11AW2-13-3	-	13	3	9.57	370	-	820	0	
AMI-B11AW2-13-4-B	-	13	4	4.68	430	4000	560	0.3/0.5	006
AMI-B11AW2-13-4	-	13	4	4.68	430	-	560	0	
AMI-B11AW3-13-1-B	-	13	1	21.2	540	4000	560	0.3/0.5	007
AMI-B11AW3-13-1	-	13	1	21.2	540	-	560	0	
AMI-B11AW3-13-2-B	-	13	2	21.52	600	4000	330	0.3/0.5	008
AMI-B11AW3-13-2	-	13	2	21.52	600	-	330	0	
AMI-B11AW3-13-3-B	-	13	3	13.77	740	4000	330	0.3/0.5	009
AMI-B11AW3-13-3	-	13	3	13.77	740	-	330	0	

Case Style



Case Dimensions:

Model Number	A max	B max	C max
AMI-B11AW1-13-3-...	2.61"/66.3mm	1.13"/28.7mm	1.62"/41.1mm
AMI-B11AW1-13-4-...	2.61"/66.3mm	1.13"/28.7mm	1.62"/41.1mm
AMI-B11AW1-13-6-...	2.61"/66.3mm	1.13"/28.7mm	1.75"/44.5mm
AMI-B11AW1-13-2-...	2.61"/66.3mm	1.13"/28.7mm	1.75"/44.5mm
AMI-B11AW2-13-3-...	2.61"/66.3mm	1.13"/28.7mm	1.75"/44.5mm
AMI-B11AW2-13-4-...	2.61"/66.3mm	1.13"/28.7mm	1.75"/44.5mm
AMI-B11AW3-13-1-...	2.61"/66.3mm	1.13"/28.7mm	1.75"/44.5mm
AMI-B11AW3-13-2-...	2.61"/66.3mm	1.13"/28.7mm	1.75"/44.5mm
AMI-B11AW3-13-3-...	2.61"/66.3mm	1.13"/28.7mm	1.75"/44.5mm

Typical Insertion Loss

According to CISPR17 in 50 Ω system

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

