

## SPECIFICATIONS - NOISE FILTERS

		Input Voltage Range	Continuous Current	Intermittent Current	Filter Frequency Range
	PCM-12ADL	0.10–100 VDC	12.0 Amps	16.0 Amps	10 Hz – 200 MHz
	PCM-25ADL	0.10–100 VDC	25.0 Amps	35.0 Amps	10 Hz – 200 MHz
	PCM-40ADL	0.10–100 VDC	40.0 Amps	55.0 Amps	10 Hz – 200 MHz

## SPECIFICATIONS - SURGE PROTECTORS

		Input Voltage Range	Continuous Current	Intermittent Current	Filter Frequency Range
	SPM-12ADL	0–12 VDC	12.0 Amps	16.0 Amps	10 Hz – 200 MHz
	SPM-25ADL	0–12 VDC	25.0 Amps	35.0 Amps	10 Hz – 200 MHz
	SPM-40ADL	0–12 VDC	40.0 Amps	55.0 Amps	10 Hz – 200 MHz



# ICT POWER CONDITIONERS NOISE FILTERS & SURGE PROTECTORS INSTRUCTION MANUAL



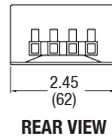
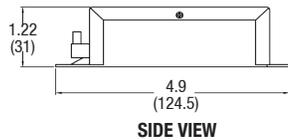
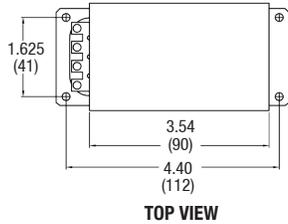
## ICT POWER CONDITIONERS

The ICT Noise Filters and the ICT Surge Protectors are designed to filter out differential and common mode noise which is present in industrial equipment, automobiles and electrical systems. These conditioners filter both positive and negative leads of the electrical system. The ICT Surge Protectors also include a transient surge protection device to protect 12 Volt equipment from spikes and surges.

These instructions should be read before using the product and it should be saved for future reference.

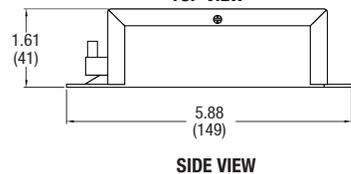
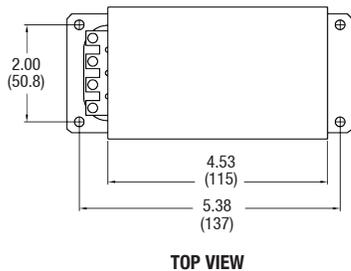
## OUTLINE DRAWING

### 10A & 25A size

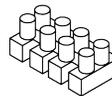


DIMENSIONS IN  
INCHES (MILLIMETRES)

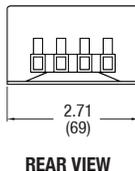
### 40A size



TORQUE RATING: 7 IN-LB MAX  
WIRE RANGE: 20-10 AWG



**DOUBLE-ROW TERMINAL STRIP**



## WARNING

- ▶ Incorrect wiring may result in serious damage to both power conditioner and equipment wired to power conditioner.

## NOTES

- ▶ When the filter is being used to filter out noise entering a piece of equipment, such as a mobile radio or stereo system, it should be mounted as close "electrically" as possible to the equipment.
- ▶ When the filter is being used to filter sources of noise such as small generators or electric motors, then it must be as "electrically" close as possible to these noise sources.

## LIMITED WARRANTY

ICT Ltd. warrants to the original consumer purchaser that this product shall be in good working order, free from defects in materials and workmanship, for a period of one (1) year from the date of purchase. Should failure occur during the above stated time period, then ICT will, at its option, repair or replace this product at no additional charge except as set forth below. All parts, whether for repair or replacement, will be furnished on an exchange basis. All exchange pieces become the property of ICT. This limited warranty shall not apply if the ICT product has been damaged by unreasonable use, accident, negligence, disaster, service, or modification by anyone other than the ICT factory.

Limited warranty service is obtained by delivering the product during the above stated one (1) year warranty period to an authorized ICT dealer or ICT factory and providing proof of purchase date. If this product is delivered by mail, you will insure the product or assume risk of loss or damage in transit, and prepay shipping charges to the factory.

Every reasonable effort has been made to ensure that ICT product manuals and promotional materials accurately describe ICT product specifications and capabilities at the time of publication. However, because of ongoing improvements and updating of ICT products, ICT cannot guarantee the accuracy of printed materials after the date of publication and disclaims liability for changes, errors or omissions.

If this ICT product is not in good working order, as outlined in the above warranty, your sole remedy shall be repair or replacement as provided above. In no event will ICT be liable for any damages resulting from the use of or the inability to use the ICT product, even if an ICT employee or an authorized ICT dealer has been advised of the possibility of such damages, or for any claim by any other party.

ICT reserves the right to make changes without further notice to any products or documentation for improvement of reliability, function, or design.

ICT Ltd. does not recommend use of its products in life support applications wherein a failure or malfunction of the product may directly or indirectly threaten life or cause injury. The user of ICT products, which are to be used in life support applications as described above, assumes all risks of such use and indemnifies ICT against all damages.



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