



APRIL 19, 2010

PRODUCT BULLETIN

Subject **ICT Isolated Converter Designed for 72 VDC Railroad Locomotive Applications**

Description ICT has developed a line of 72V–12V and 72V–24V converters for railroad locomotive applications where clean 12V or 24V power is needed for in-cab radios and other equipment. They are designed to operate from a negative-ground or positive-ground electrical system, providing complete isolation between primary and secondary circuits. Because these applications can be challenging for on-board electronics, ICT has designed these converters with both extra input filtering and spike protection to protect the customer’s 12 or 24V equipment.

- Standard Features**
- Extra Filtering
 - Fuse Protection
 - Overvoltage Protection
 - Current Limiting
 - Vibration Resistant
 - Moisture Resistant
 - Terminal Block Output Connector
 - High Efficiency



Model Numbers

		Description
12V	ICT50100-12AIW	72V–12V / 12A Converter, Isolated, Wallmount
	ICT50100-20AIW	72V–12V / 20A Converter, Isolated, Wallmount
24V	ICT50100 24-5AIW	72V–24V / 12A Converter, Isolated, Wallmount
	ICT50100 24-10AIW	72V–24V / 20A Converter, Isolated, Wallmount

Options For additional flexibility, all of these models can be ordered with a rackmount option. Substitute ‘AIR’ in place of ‘AIW’ and the converter will come pre-installed on a 19”rackmount tray.

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