
LINE ISOLATOR MODEL LI-4875

PRODUCT DESCRIPTION AND INSTALLATION DETAILS

ACMA PERMIT

Design Two Thousand Pty Ltd ACA Supplier's Code N468

DESCRIPTION

The 4 wire Line Isolator LI-4875 is used for isolating equipment connected to leased telephone lines, providing dc isolation and an ac audio path. It can be used on four or two wire circuits.

The unit provides one four wire 600Ω isolating circuit in a small stand-alone enclosure. The audio inputs (equipment Tx/Rx) and outputs (line Tx/Rx) are provided on modular RJ45 sockets.

It is also available in a 10 port 19" rack mount version LI-2782BR.

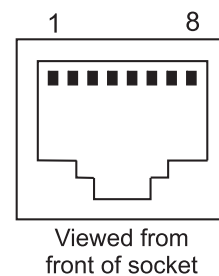
The LI-4875 guards against dangerous voltages being passed from Customer Equipment to the telephone network. The LI-4875 also reduces the risk of electric shock to the customer and/or damages to Customer Equipment, should dangerous voltages be accidentally imposed on the telephone line.

The LI-4875 provides greater than 3500 Volts ac and greater than 5000 Volts dc isolation for more than one minute between the Equipment and Line.

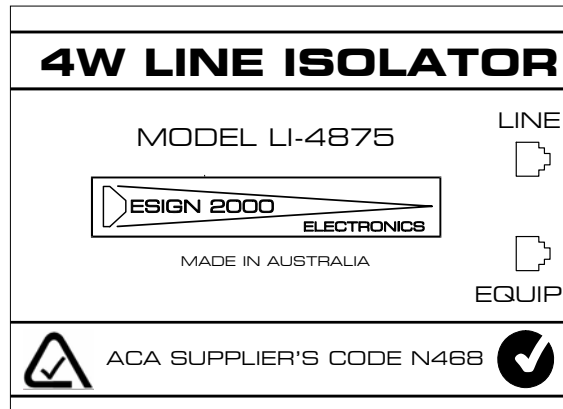
The LI-4875 stand-alone enclosure is 110mm x 85mm x 50mm. An optional 2RU mounting bracket is available.

CONNECTION

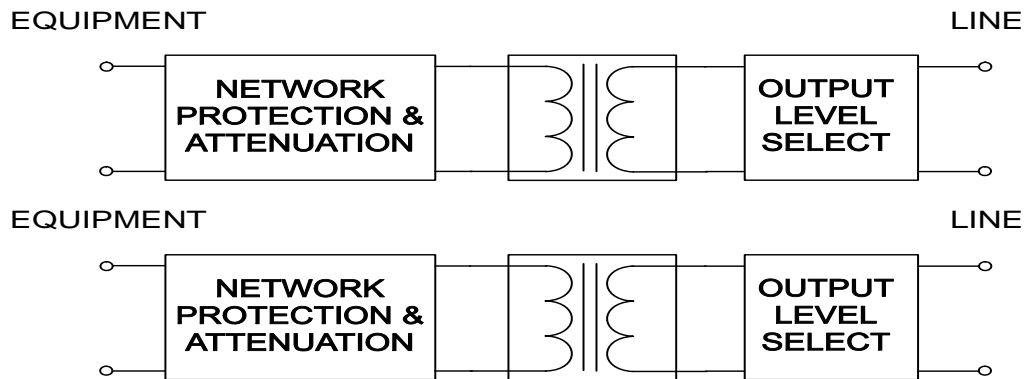
Equipment (SK1)	Tx	Pair 1	Pins 4 & 5
	Rx	Pair 2	Pins 3 & 6
Line (SK2)	Tx	Pair 1	Pins 4 & 5
	Rx	Pair 2	Pins 3 & 6



FRONT PANEL DIAGRAM



BLOCK DIAGRAM



PART NUMBERS

LI-4875	4W Line Isolation Unit
PC-4796	4W Line Isolation Card
MB-4775/9	2RU Mounting Bracket

Designed and Manufactured in Australia

design2000

Est. 1968

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