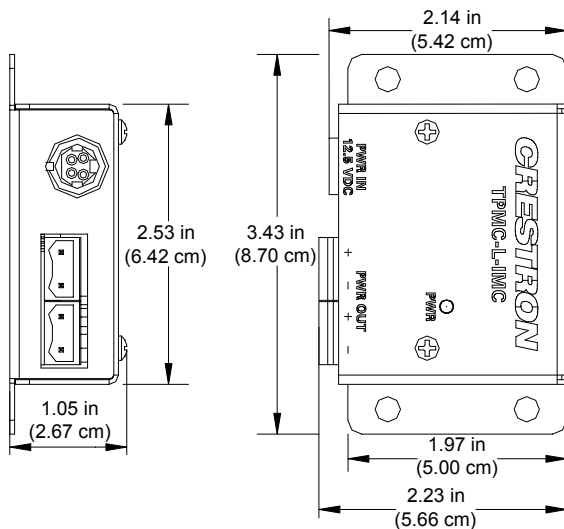


## Description

The TPMC-L-IMC interface module is included with the TPMC-15-CH-L, TPMC-15-QM-L, TPMC-17-CH-L, and TPMC-17-QM-L touchpanels. The TPMC-L-IMC is used to deliver power from a power supply to a remotely located wall mount touchpanel. The TPMC-L-IMC converts the cable (used by the touchpanel's included power supply) to two wires (see chart in following column), which allows a wall mount touchpanel to be installed up to 60 feet from its power supply. The wire runs are terminated on the rear of the TPMC-15/17 wall mount touchpanel where they are converted to the cable-type required by the touchpanel. An LED indicates when power is supplied to the TPMC-L-IMC. The TPMC-L-IMC has a mounting flange to secure the unit to a mounting surface or the rear of a rack as shown in the following diagram. The TPMC-L-IMC should be installed near the power supply.

### Physical Views of the TPMC-L-IMC



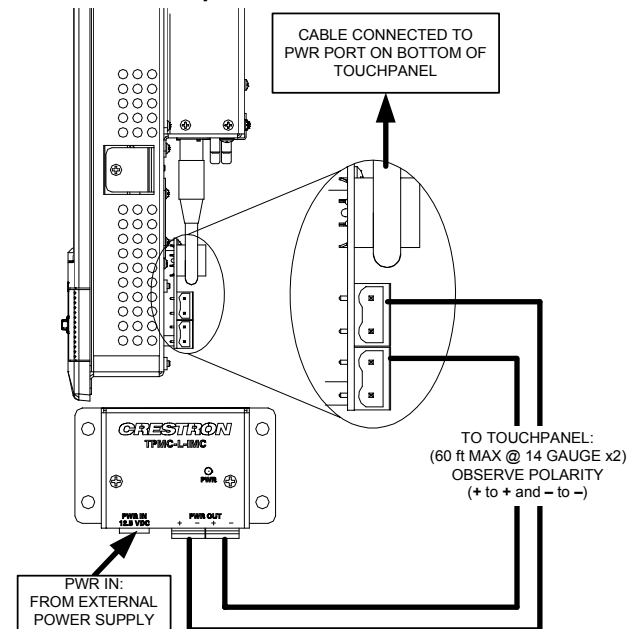
## Installation:

**CAUTION:** Ensure that the power is disconnected during installation.

**CAUTION:** Only the included Crestron power supply should be used.

- As shown in the following diagram, connect the power wires from the TPMC-L-IMC to the rear of the touchpanel using the supplied connectors. Crestron recommends using two 60 foot runs (or less) of 14-gauge stranded wire between the touchpanel and the TPMC-L-IMC.

### Hardware Hookup



Alternatively, a single wire can be run over a shorter distance. Smaller gauge wires can be used for shorter runs as well. Refer to the following table for wiring alternatives.

### Recommended Wire Lengths (Between TPMC-L-IMC and Touchpanel)

WIRE GAUGE	SINGLE WIRE (FEET)	DOUBLE WIRE (FEET)
14 AWG (2.5 mm <sup>2</sup> )	30	60
16 AWG (1.5 mm <sup>2</sup> )	20	40

**NOTE:** If running a single wire, either PWR OUT connector can be used. Observe polarity when terminating wire (+ to + and - to -).

- Connect the power cable from the external power supply to the PWR IN port of the TPMC-L-IMC. The PWR LED will illuminate.

## Problem Solving

### Troubleshooting

The table after this paragraph provides corrective action for possible trouble situations. If further assistance is required, please contact a Crestron customer service representative.

#### TPMC-L-IMC Troubleshooting

TROUBLE	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
PWR LED does not illuminate.	TPMC-L-IMC is not receiving power.	Verify that the TPMC-L-IMC is properly connected to the power supply.
	Fuse is blown.	Remove wires that connect to the touchpanel. Using a Phillips tip screwdriver, remove the enclosure cover and replace the fuse with an 8A, 250V, 1¼" x ¼", Time Lag fuse. Replace the cover and reconnect the wires to the touchpanel.
PWR LED extinguishes after connecting to touchpanel.	Incorrect wiring between TPMC-L-IMC and touchpanel.	Verify that the polarity between TPMC-L-IMC and the touchpanel is correct (+ to + and - to -). Check the wiring between the TPMC-L-IMC and the touchpanel for shorts.

### Further Inquiries

If you cannot locate specific information or have questions after reviewing this sheet, please take advantage of Crestron's award winning customer service team by calling the Crestron corporate headquarters at 1-888-CRESTRON [1-888-273-7876]. For assistance in your local time zone, refer to the Crestron website ([www.crestron.com](http://www.crestron.com)) for a listing of Crestron worldwide offices.

You can also log onto the online help section of the Crestron website to ask questions about Crestron products. First-time users will need to establish a user account to fully benefit from all available features.

As of the date of manufacture, the TPMC-L-IMC has been tested and found to comply with specifications for CE marking and standards per EMC and Radiocommunications Compliance Labelling.



## Return and Warranty Policies

### Merchandise Returns / Repair Service

1. No merchandise may be returned for credit, exchange, or service without prior authorization from CRESTRON. To obtain warranty service for CRESTRON products, contact the factory and request an RMA (Return Merchandise Authorization) number. Enclose a note specifying the nature of the problem, name and phone number of contact person, RMA number, and return address.
2. Products may be returned for credit, exchange, or service with a CRESTRON Return Merchandise Authorization (RMA) number. Authorized returns must be shipped freight prepaid to CRESTRON, 6 Volvo Drive, Rockleigh, N.J., or its authorized subsidiaries, with RMA number clearly marked on the outside of all cartons. Shipments arriving freight collect or without an RMA number shall be subject to refusal. CRESTRON reserves the right in its sole and absolute discretion to charge a 15% restocking fee, plus shipping costs, on any products returned with an RMA.
3. Return freight charges following repair of items under warranty shall be paid by CRESTRON, shipping by standard ground carrier. In the event repairs are found to be non-warranty, return freight costs shall be paid by the purchaser.

### CRESTRON Limited Warranty

CRESTRON ELECTRONICS, Inc. warrants its products to be free from manufacturing defects in materials and workmanship under normal use for a period of three (3) years from the date of purchase from CRESTRON, with the following exceptions: disk drives and any other moving or rotating mechanical parts, pan/tilt heads and power supplies are covered for a period of one (1) year; touchscreen display and overlay components are covered for 90 days; batteries and incandescent lamps are not covered.

This warranty extends to products purchased directly from CRESTRON or an authorized CRESTRON dealer. Purchasers should inquire of the dealer regarding the nature and extent of the dealer's warranty, if any.

CRESTRON shall not be liable to honor the terms of this warranty if the product has been used in any application other than that for which it was intended, or if it has been subjected to misuse, accidental damage, modification, or improper installation procedures. Furthermore, this warranty does not cover any product that has had the serial number altered, defaced, or removed.

This warranty shall be the sole and exclusive remedy to the original purchaser. In no event shall CRESTRON be liable for incidental or consequential damages of any kind (property or economic damages inclusive) arising from the sale or use of this equipment. CRESTRON is not liable for any claim made by a third party or made by the purchaser for a third party.

CRESTRON shall, at its option, repair or replace any product found defective, without charge for parts or labor. Repaired or replaced equipment and parts supplied under this warranty shall be covered only by the unexpired portion of the warranty.

Except as expressly set forth in this warranty, CRESTRON makes no other warranties, expressed or implied, nor authorizes any other party to offer any warranty, including any implied warranties of merchantability or fitness for a particular purpose. Any implied warranties that may be imposed by law are limited to the terms of this limited warranty. This warranty statement supercedes all previous warranties.

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