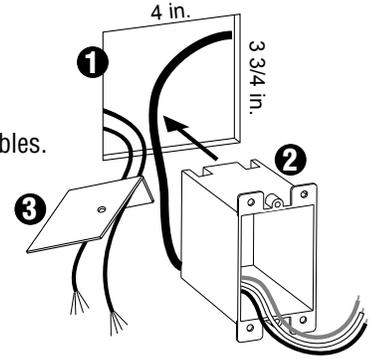


PANAMAX® MIW-B&O Installation

STEP 1:

Cut a 4 inch wide by 3 3/4 inch high hole in the wall for the AC wires, PowerLink® and/or MasterLink® cables. For new construction (pre-wire) use a Carlon new-work electrical box (Model B122A) and a Carlon low voltage add-on bracket (Model SC100SC).

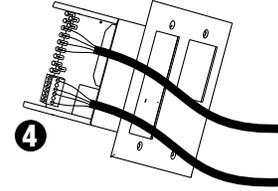


STEP 2:

Run the AC wires through the lower-left entry of the outlet box. No more than 1 inch of wire sheath should extend into the outlet box. 3 inches of wire should be able to extend beyond the opening of the outlet box. Install the outlet box into the right side of the hole.

STEP 3:

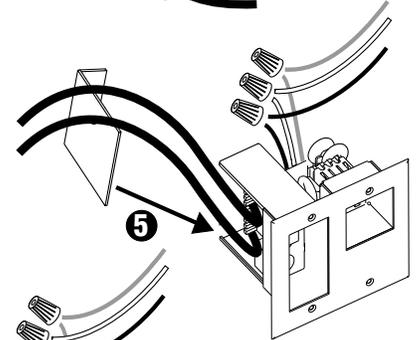
Slide the signal-side cover onto the PowerLink® and/or MasterLink® cables.



STEP 4:

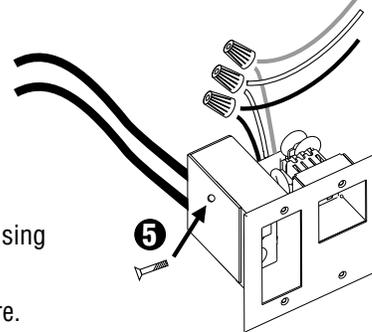
Strip 1 1/2 inches of jacket off of the signal cables. Punch down the MasterLink® wires onto the IDC terminals as labeled, with the cable oriented toward the front of the protector.

Strip the ends of both PowerLink® cables and connect them to the screw-down terminal as labeled. Both PowerLink® cables will connect to the same terminal block.



STEP 5:

Fold the cables back toward the rear of the protector. Slide the signal-side cover down the wires and into place. Secure the cover with the screw provided.



STEP 6:

Secure the cables with the provided cable ties.

STEP 7:

Strip 1/2 inch of insulation off the AC wires and attach to the wire jumpers using the included wire nuts.

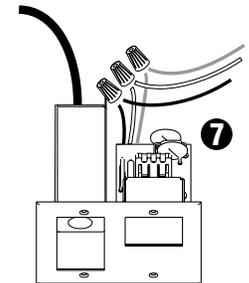
NOTE: Only for use with 15 Amp branch circuits utilizing 14 or 12 gauge wire.

STEP 8:

Neatly fold the AC wires as you install the protector into the wall with the AC side fitting into the outlet box and secure with the with the AC side fitting into the outlet box and secure with the included screws.

NOTE: Only the right side screws are used to mount the protector into the included outlet box. The left side screws are held on with the included plastic washers.

All four screws are used when mounting the protector to a new-work electrical box and add-on bracket.



AC SPECIFICATIONS	MASTERLINK® SPECIFICATIONS	POWERLINK® SPECIFICATIONS
120VAC, 60Hz, 15A max	Input Connector:Punch-down terminals	Input Connector:.....8-position terminal block
UL 1449 Suppression Voltage:330V L-N, 400V L-G, 400V N-G	Output Connector:.....MasterLink	Output Connector:.....8-pin DIN
Energy Dissipation:675 Joules (8x20ms)	Pins connected/protected:..1-3, 11-16	Pins connected / protected:..... ALL
Current Capacity:.....26,000 Amps (8x20ms)	Limiting Voltage:.....15V	Limiting Voltage:.....15V
	Insertion Loss:.....-0.05dB, 1Hz-50kHz	Insertion Loss:.....-0.05dB, 1Hz-50kHz
	Crosstalk:.....-81dB, 1Hz-50kHz	Crosstalk:.....-81dB, 1Hz-50kHz



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