

Specifications

MLC 62 Series

Control — host ports

Serial control port.....	1 bidirectional RS-232 on a 3.5 mm captive screw connector, 3 pole
Baud rate and protocol.....	9600 baud, 8 data bits, 1 stop bit, no parity
Serial control pin configuration	Pin 1 = Tx, pin 2 = Rx, pin 3 = Gnd
USB control ports	
Decorator-style models.....	1 front panel female USB mini B
MK and EU models	1 side panel female USB mini B
USB standards	USB 2.0, low speed
IR learning frequencies.....	30 kHz to 60 kHz
IR learning distance.....	4" (10 cm) to 14" (36 cm) from the receiver (on front panel for decorator-style models, side panel for MK and EU models)
Program control	Extron configuration program for Windows® Extron Simple Instruction Set (SIS™)

Control — serial port (RS models)

Display control port	(1) 3.5 mm captive screw connector, 2 pole for unidirectional RS-232 control (±5 V)
Baud rate and protocol (RS-232) ...	9600 (default), 19200, 38400, 57600, 115,200 baud; 8 (default) or 7 data bits; 1 stop bit; no parity (default), or even or odd parity

Control — IR port (IR models) or IR/serial port (RS models)

IR control port.....	(1) 3.5 mm captive screw connector, 2 pole for IR or IR/serial* (transmit only) TTL level (0 to 5 V) modulated infrared control (all models) from 30 kHz up to 60 kHz, or ±5 V RS-232 control (RS models, transmit only) *For RS models, IR/serial ports are configurable via software, serial communication is the default.
Baud rate and protocol	For RS models: 9600 (default), 19200, 38400, 57600, 115,200 baud; 8 (default) or 7 data bits; 1 stop bit; no parity (default), or even or odd parity

Control — relay (RS models)

Number/type.....	2 momentary or latching (configurable via software)
Connector.....	(1) 3.5 mm captive screw connector, 3 pole
Contact rating	24 V, 1 A

Control — digital input monitoring port (RS models)

Number/type.....	1 digital input (configurable)
Connector.....	(1) 3.5 mm captive screw connector, 2 pole
Digital inputs	
Input voltage range.....	0-24 VDC
Input impedance	12k ohms
Programmable pullup	2k ohms to +5 VDC
Threshold low to high	>1.5 VDC
Threshold high to low	<1.0 VDC

Specifications • MLC 62 Series (Continued)

General

Power supply	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 0.5 A, 6 watts
Power consumption	
MLC 62 RS models	
Device	2.1 watts, 12 VDC
Device and power supply...	2.5 watts, 100-240 VAC, 50-60 Hz
MLC 62 IR D	
Device	1.0 watt, 12 VDC
Device and power supply...	1.5 watts, 100-240 VAC, 50-60 Hz
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling	Convection, no vents
Thermal dissipation	
MLC 62 RS models	
Device	7.0 BTU/hr
Device and power supply...	8.4 BTU/hr
MLC 62 IR D	
Device	3.4 BTU/hr
Device and power supply...	5.1 BTU/hr
Mounting	
Rack mount.....	No
Furniture or wall mount	
Decorator-style models.....	Mounts in a standard 1 gang US electrical junction box or with included mud ring.
EU model.....	Mounts in a standard 1 gang EU electrical junction box with 60 mm mounting centers. An adapter frame is included.
MK model.....	Mounts to a standard MK electric type British standard wall box or junction box.
Enclosure type	Plastic

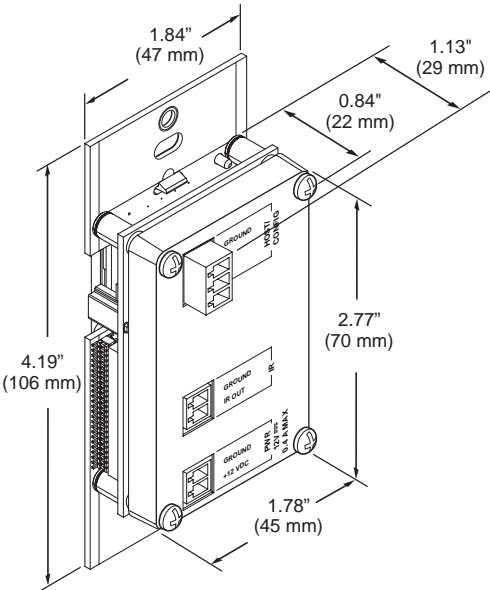
Specifications • MLC 62 Series (Continued)

Enclosure dimensions

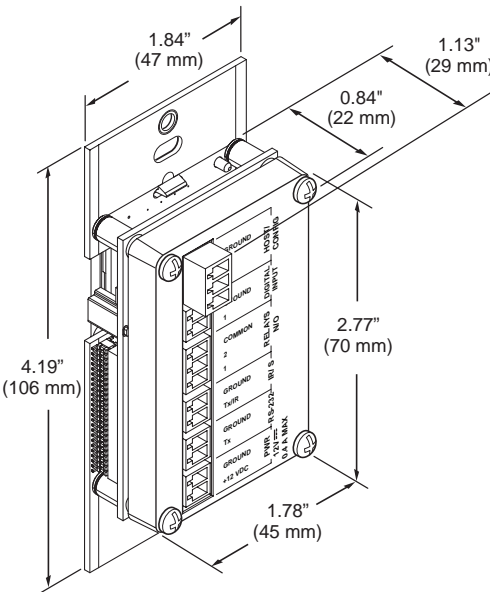
MLC 62 IR D, MLC 62 RS D

Faceplate..... Fits the opening in a 1 gang decorator-style wallplate.

Device 4.19" H x 1.84" W x 1.5" D
(106 mm H x 47 mm W x 37 mm D)
(Depth includes connectors and buttons. Allow enough depth in the wall or furniture for the device plus cable clearance.)



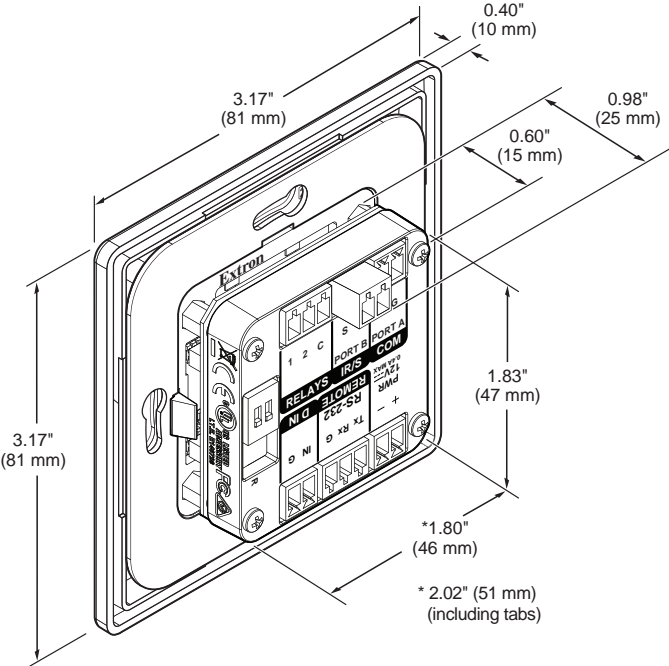
MLC 62 IR D
Rear



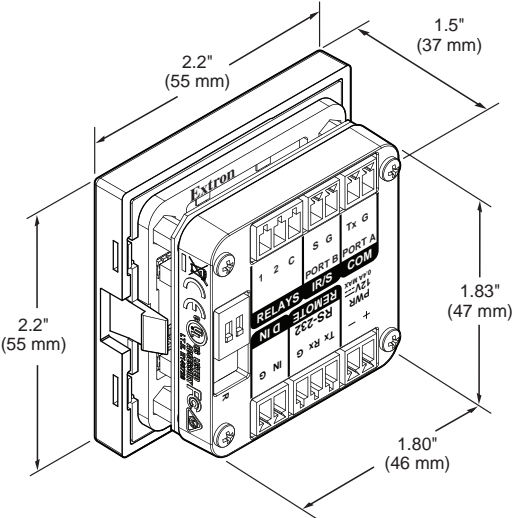
MLC 62 RS D
Rear

Specifications • MLC 62 Series (Continued)

MLC 62 RS EU	
Faceplate.....	Fits the opening in a 1-gang EU, fits a Jung AS 500 wallplate or other European frame that accepts 55 mm x 55 mm modules.
Wall frame.....	3.17" H x 3.17" W x 0.40" D (81 mm H x 81 mm W x 10 mm D)
Device	2.2" H x 2.2" W x 1.5" D (55 mm H x 55 mm W x 37 mm D) Depth includes connectors and buttons. Allow enough depth in the junction box for device plus cable clearance.)



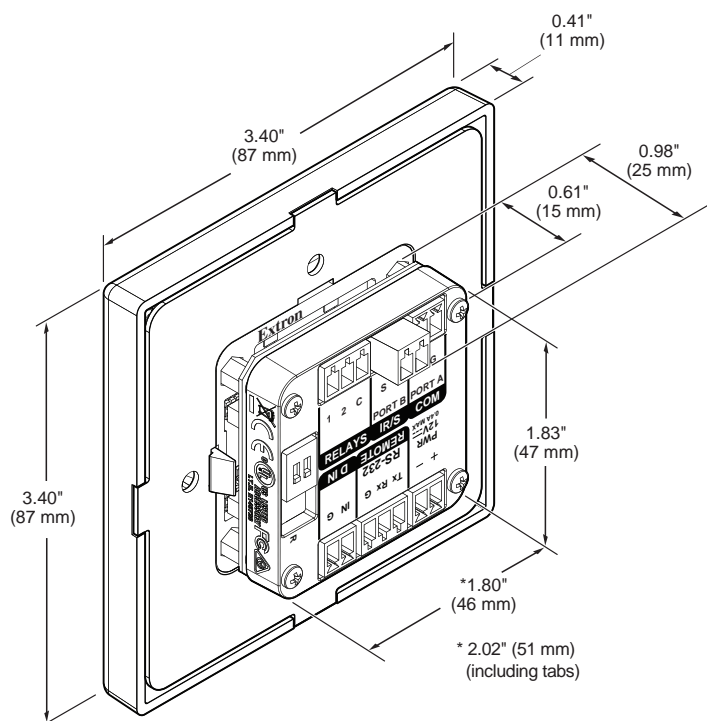
MLC 62 RS EU
Rear



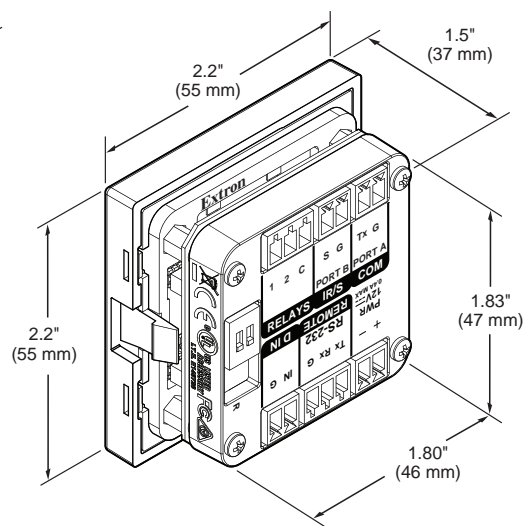
Specifications • MLC 62 Series (Continued)

MLC 62 RS MK

Faceplate.....	Fits the opening in a 1-gang Jung AS 500 wallplate or other European frame that accepts 55 mm x 55 mm modules.)
Wall frame.....	3.40" H x 3.40" W x 0.41" D (87 mm H x 87 mm W x 11 mm D)
Device	2.2" H x 2.2" W x 1.5" D (55 mm H x 55 mm W x 37 mm D) Depth includes connectors and buttons. Allow enough depth in the junction box for device plus cable clearance.)



MLC 62 RS MK
Rear



Product weight

MLC 62 IR D, MLC 62 RS D....	1.0 lb (0.5 kg)
MLC 62 RS EU.....	1.0 lb (0.5 kg)
MK models.....	1.0 lb (0.5 kg)

Regulatory compliance.....

CE, C-Tick, c-UL, FCC Class A, ICES, UL, VCCI Class A
Complies with the appropriate requirements of RoHS, WEEE, and
Section 508 of the Rehabilitation Act (29 U.S.C. 794d).

Product warranty 3 years parts and labor

Everlast power supply warranty..... 7 years parts and labor

NOTE: All nominal levels are at $\pm 10\%$.

NOTE: Specifications are subject to change without notice.

NOTE: Shipping weights and dimensions are available at www.extron.com.

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