

Limitator™ LM-1

LM-1



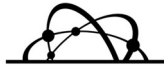
Product Overview:

Limitator™ is a simple to use handheld limit setting tool to setup limits, and motor rotation on compatible shade motors.

It also can be used as a USB to RS-485 dongle in order to use compatible motor configuration software with laptops.

It can also be used for diagnostics and troubleshooting the RS-232 ports on Reaktor Neutron and Collider PDU's.

This product has 2 components, a hand-held tool, and a 485 Motor Tap..

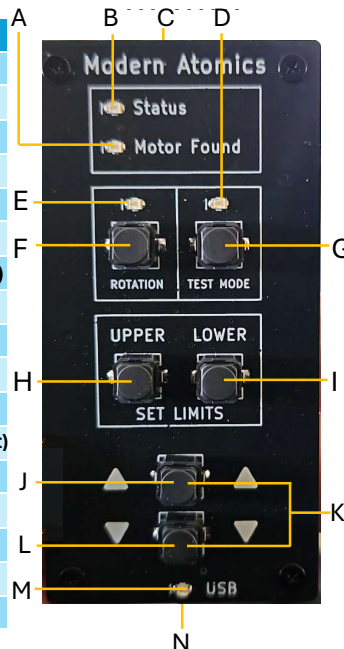


Technical Specifications:

- PDU Input: 24VDC (From compatible PDU's)
5.08 pitch 5 position Inverted Header Pinned from Motor connection side
- Motor Output: 24VDC (From compatible Motors)
5.08 pitch 5 position header (Pinned from Motor side)
- Hand-Held Control Port (RJ45)
- USB Connection (USB Type C)
- Material: Glass Epoxy
- Dimensions: (2.75 in. H) x (2 in. W) x (1/4 in. D)
- Maximum Wiring Distance
 - PDU Side up to 250' with 12-14 AWG.
 - Motor Side: Up to 3' (Use standard motor supplied cable)
 - Handheld unit: Up to 100' from PDU or Motor Tap
- Operating Temperature Range: Ambient temp.
- Shipping Weight: 0.9 lbs. [kg]

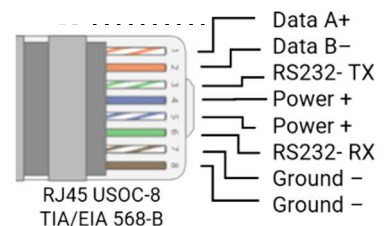
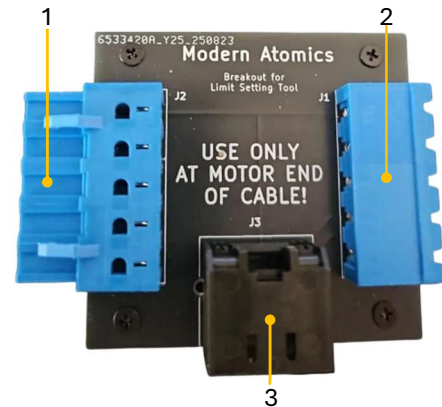
Toggle Motor Rotation

ELEMENT	DESCRIPTION
A	Motor Found LED
B	Status LED
C	Motor Tap Port
D	Test Mode LED
E	Rotation LED
F	Rotation Key
G	Test Mode Key
H	Upper Limit Key
I	Lower Limit Key
J	UP Key
K	UP & DOWN Key
L	DOWN Key
M	USB LED
N	USB to 232/485
1	PDU 485 Port
2	Motor 485 Port
3	Hand-Held Port



LIMIT SETTING TOOL

MOTOR TAP



TYPE C

Features summary:

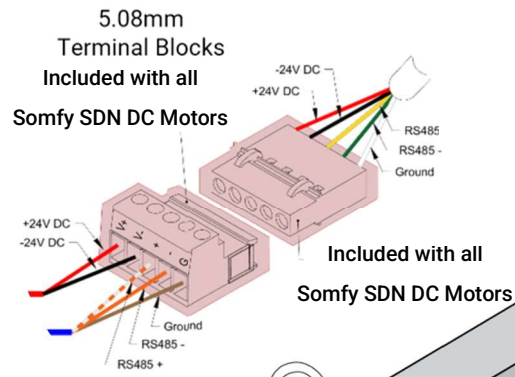
- Set Upper Limit
- Set Lower Limit
- Set Motor Rotation
- Wink/Jog Motor
- Test limits
- Move past limits
- Set fine pulses
- Works with Many Popular Motors.
 - All Somfy® 24VDC Low Voltage SDN Motors
 - All Somfy® AC SDN Motors
- Use all Somfy Software including SDN Keypad Configuration Software, SDN Motor Configuration Software and SETPro Configuration Software
- RS-485 and RS-232 to USB conversion for diagnostics and troubleshooting



MOTOR TAP WIRING:



NOTE: 485 DATA DOES NOT FLOW BACK TO PDU WHEN USING THE MOTOR TAP



USB TO 485 WIRING:



NOTE: The Limit Setting tool can connect to any of the ports on the PDU, however all the features can be accessed when using the BUS OUT including USB to RS-485 and USB to RS-232. The keys on the limit setting tool do not function once the USB cable link is active.



Includes:

- (1) Limit Setting Tool
- (1) 485 Motor Tap
- (1) USB-C Cable (1M)
- (1) CAT-5 (5M)



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