

TALOS Main Controller

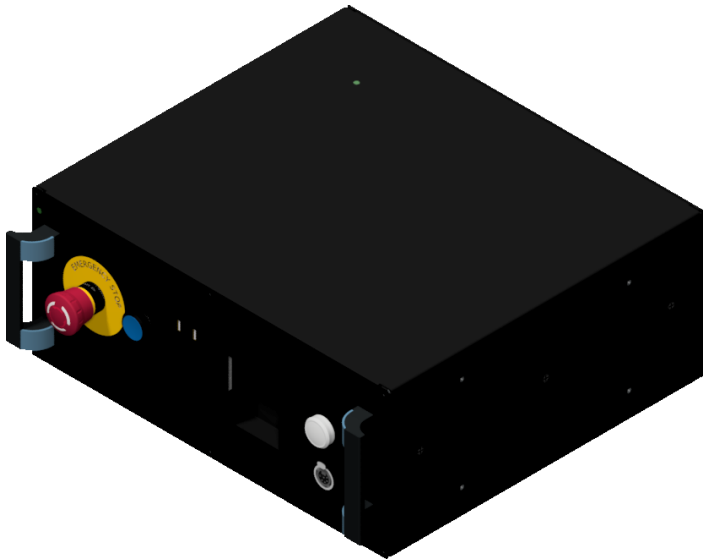
A-17-012-0001

Functional Specifications

Motion Laboratories TALOS Main Controller is a computer based SCADA platform designed to control and supervise Motion Laboratories automation subsystems from one location. It can control VS series variable speed control systems, Soft Limit systems, & Hoist Safety Control systems. TALOS is a programable electronic system and is part of the A-17-012 part number series.

Features

- IEC 320 input. Fused rocker switch.
- Freestanding with feet or rack mountable with rack ears (both supplied).
- Front ledge handles.
- Emergency stop mushroom and reset buttons.
- Hold-to-run input.
- Four USB inputs (two on the front & two on the rear).
- Two display ports.
- Multiple communications protocols.
- Connects all emergency stops together.
- Manufactured in the USA.



Physical Specifications

Chassis.....	18 gauge steel, black powder coat finish
Front Panel.....	.090" aluminum, black powder coat finish
Rear Panel.....	.090" aluminum, black powder coat finish
Chassis Width.....	17"
Chassis Height.....	4 RU, 7"
Chassis Depth.....	15"
Weight.....	23 lbs.

The Motion Laboratories TALOS Main Controller has a fully grounded chassis and is comprised exclusively of UL Listed/UL Recognized components.

The unit shall be labeled with the following information, using diamond scratch etching, laser etching, and/or molecularly-bonded thermal ink:

- Motion Laboratories name/trademark.
- Electrical and environmental ratings.
- All necessary safety information.

Electrical Specifications

Input Power..... 100 – 240 VAC 50/60 Hz
Current Rating..... 5 A max.

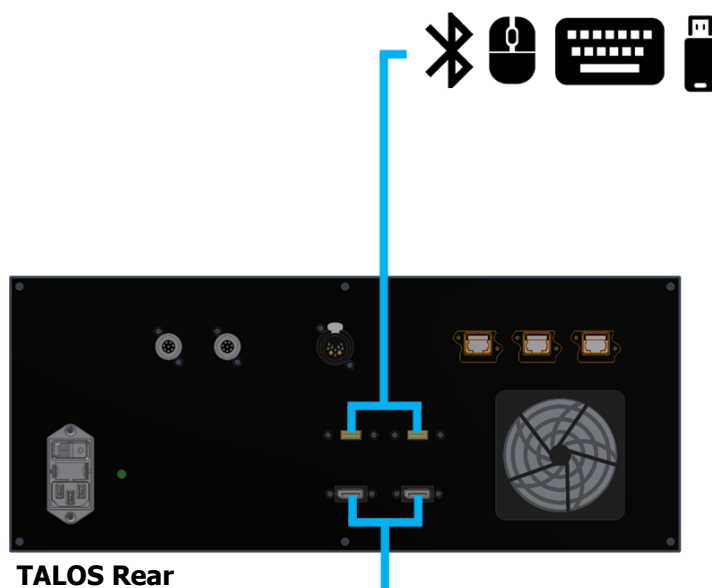
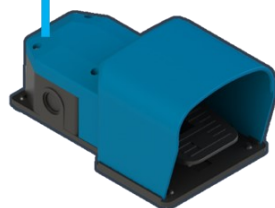
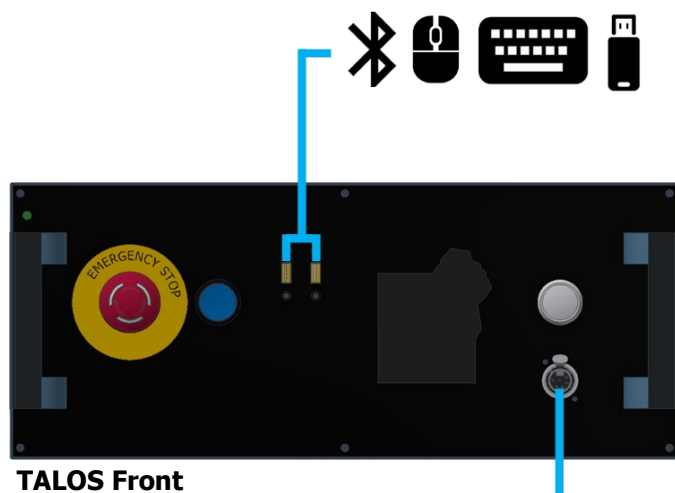
Environmental Specifications

Indoor Use Only
IP Rating..... IP40
NEMA Rating..... NEMA1
Operating Temperature Range, min..... 0°C / 32°F
Operating Temperature Range, max..... 55°C / 122°F

Ratings and Certifications

Motion Laboratories TALOS Main shall be a listed product as defined by the Occupational Safety and Hazard Association (OSHA). The unit shall have a **cETLus** mark and be designed and built to the following standards:
UL1640, UL508A and C22.2 NO. 14 (Canadian Electric Code).

Connections

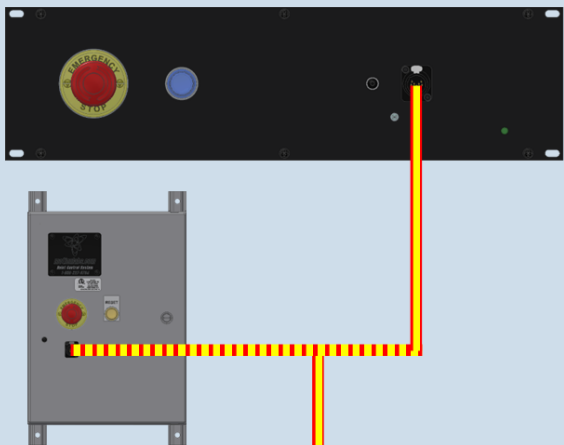


Connections

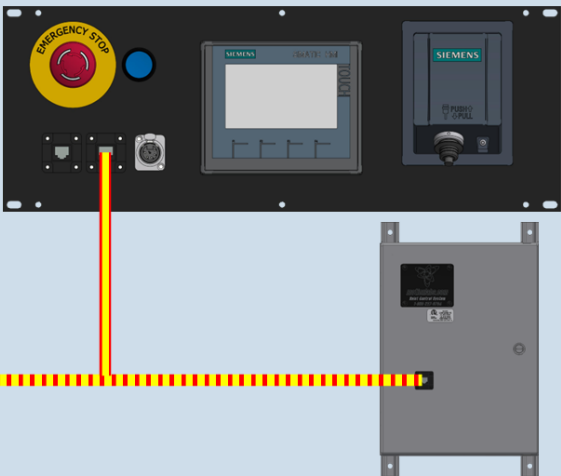
LEGEND

- E-STOP 
- E-STOP & COMMS 
- COMMS 

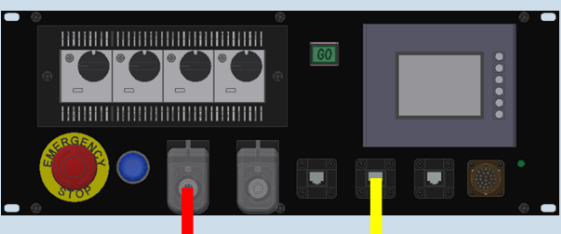
Soft Limit Systems



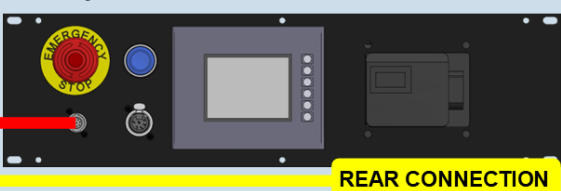
VS-02 Systems



HSC-02 Systems



VS-01 Systems



TALOS Rear

