

EXM CAN STOW MODULE

Stow position interlock for EXM powered systems.

The EXM CAN Stow Module is an Electronic Control Unit (ECU) connected to the same Controller Area Network (CAN) as an EXM monitor. It reads the CAN messages from the monitor and sets the stow output signals according to monitor position.

The EXM CAN Stow Module provides two electrical output signals. One is utilized to enable or disable certain vehicle functions that may result in damage if the monitor is not in the STOW position. For example, in a typical aerial application the monitor must be in the stow position for the ladder to bed properly. This output also stays locked in the current state in case of a power interruption. The second output is designed to be connected to OEM provided lights to indicate the monitor STOW status.



EXM CAN Stow Module

Features:

- Universal input voltage 10 - 30VDC
- CAN bus J1939 compatible
- Can be mounted at a different location on the truck from the monitor
- Relay switched output maintains state when power is disconnected
- Safety feature: Module reports monitor not stowed within 5 seconds if CAN communications are lost
- Sealed to NEMA 4 (IP65)
- CAN termination configurable with jumper setting
- Built in mis-wiring protection on stow signal output

SPECIFICATIONS	
Model	7095
Input Voltage	12/24 VDC (10-30 VDC)
Typical Electrical Load @ 23°C	100 mA @ 12 VDC 50 mA @ 24 VDC
Power Fuse Rating	1 AMP @ 12 VDC 0.5 AMP @ 24 VDC
Dimensions	5.24" x 4.68" x 1.42"
Weight	1.15 lbs (0.52 kg)
Operating Temp. Range	-40°F to +158°F (-40°C to +70°C)
Environmental Rating	NEMA 4 (IP65)
J1939 Termination	Configurable with jumper