

Dual Reversing Module (Emulated)



Introduction

The E-Plex® 826QRM with 369DRM emulation will functionally operate the same as the native 369DRM. This includes recognising and running the same logic as the native device, however the size and format are different.

The original connector can be removed and the standard 826QRM connectors can be used as well as an EP3 Cable to re-terminate the cables (See Part numbers below).

Key Features:

- 10 Amp AC switch capacity.
- Activated Relay Indication.
- 4 independent channels with full change over connections (Volt Free).
- Two screw terminals per connection (to simplify linking).
- Standard EP3 connection.

Electrical Specifications

Electrical specifications details		Contact derating table
Relay Contact Rating	10 Amps @ 250V AC, 4 Amps @ 24VDC	
Len rating	3	

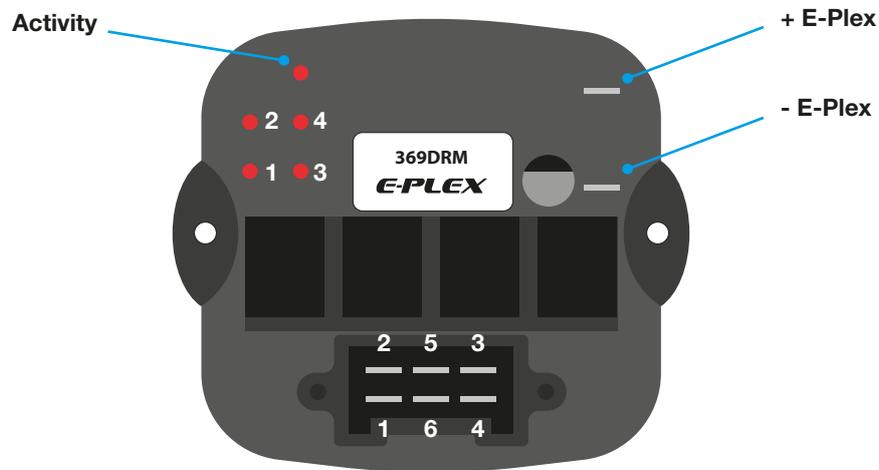
Physical Specifications

Front Bezel Material	Aluminum
Back Case Material	ABS
Operating Temperature	-20°C- 50°C (-4°F - 122°F)
Storage Temperature	-30°C- 85°C (-22°F - 185°F)
Weight	150g (5.25oz)
Overall Length	118mm (4.64")
Overall Height	41mm (1.61")
Overall Depth (including Connectors)	95mm (3.74")
Mounting Hole Size	M4

Terminal Connector Specifications

Connector Type - power and pump	Phoenix Contact 6 Way Screw Clamp Connector
Wire Gauge	0.2mm ² (24AWG) Min to 2.5mm ² (12AWG) Max
Wire Strip Length	5 – 7 mm (.19" - .27")
Communications Connectors Specifications	EP3

Original Module Connections



New module connections

EP3 Connector

Allows for connection of the E-Plex logic system

Activity LED

Shows indication of E-Plex activity

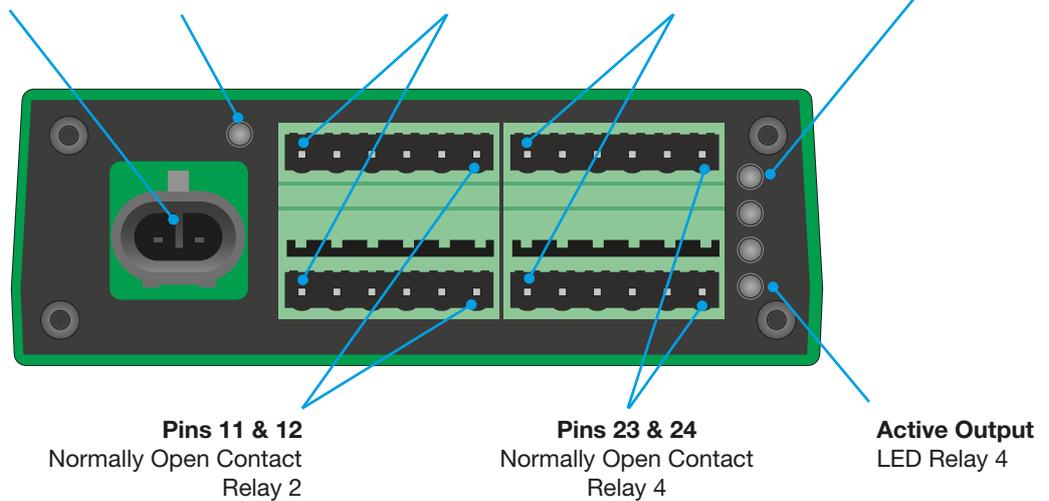
Pins 1 & 2

Common Contact Relay 1

Pins 13 & 14

Common Contact Relay 3

Active Output LED Relay 1



Pins 11 & 12

Normally Open Contact Relay 2

Pins 23 & 24

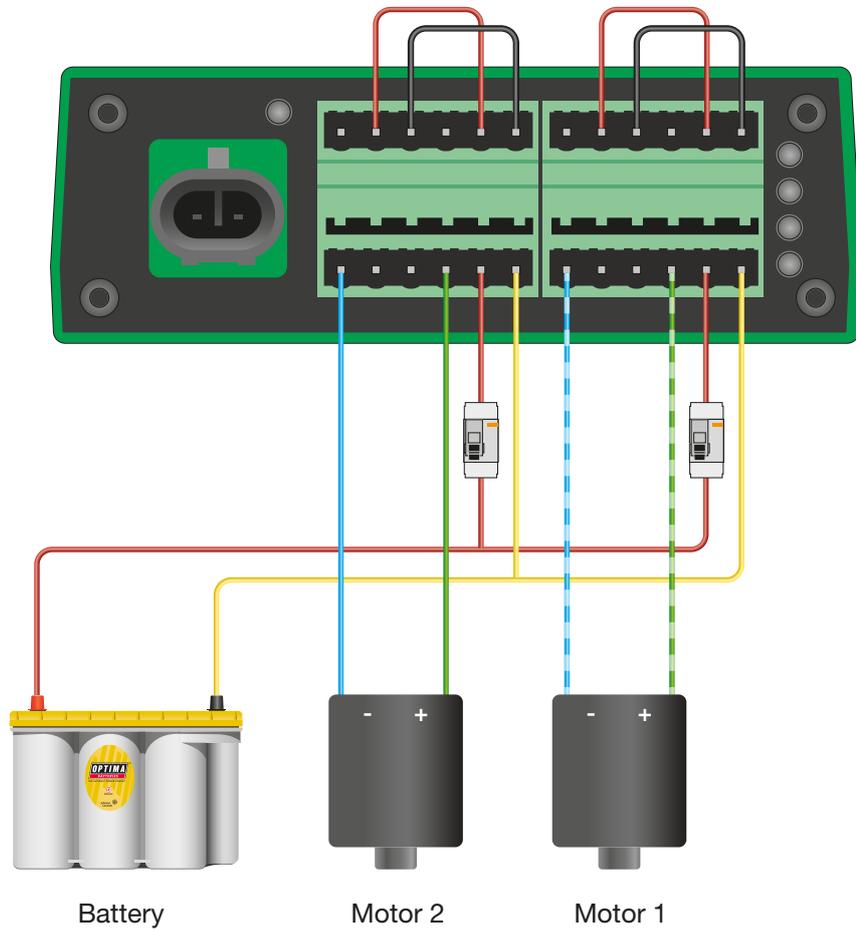
Normally Open Contact Relay 4

Active Output LED Relay 4

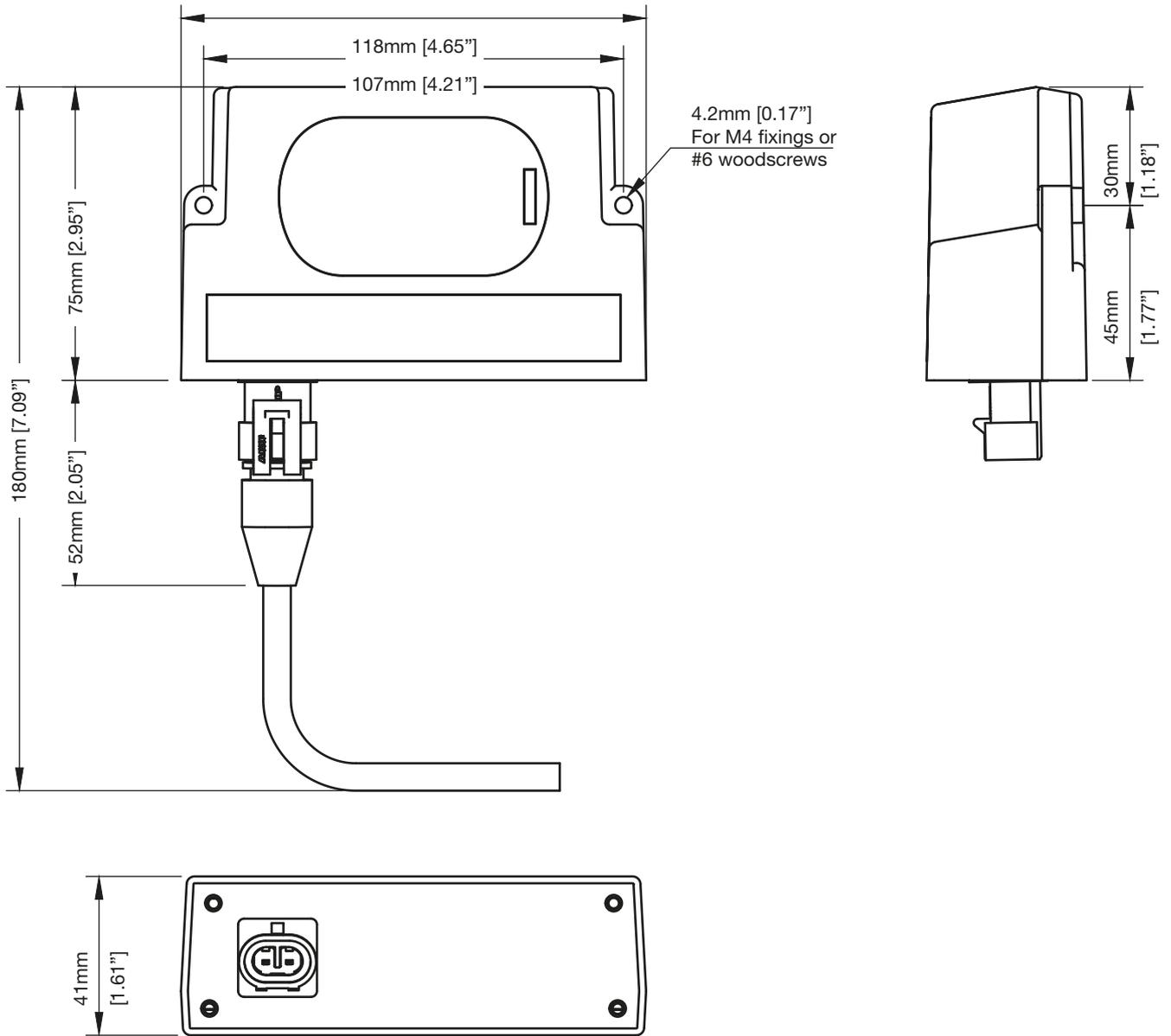
Connection matrix

396DRM (Original wiring)	New Connection on above module
Pin 1, Channel 1, output A	1 or 2
Pin 2, Channel 1, output B	7 or 8
Pin 3, Channel 2, output A	13 or 14
Pin 4, Channel 2, output B	19 or 20
Pin 5, Battery +	3 or 4, 9 or 10, 15 or 16, 21 or 22
Pin 6, Battery -	5 or 6, 11 or 12, 17 or 18, 23 or 24
Spade, E-Plex Data Bus +	Grey connection on EP3 Cable
Spade, E-Plex Data Bus -	Violet connection on EP3 Cable

Connection Example (When used as a dual reversible motor controller)



Dimensional Diagram



Ordering codes

Description	Ordering Code
826QRM with 369DRM Emulation	EP- 826-369DRM
369DRM Replacement Connector	CO-CONN-826QRM-PLUG
0.2 Metre EP3 Cable	EP3-CA-0.2M



826-369DRM Version 1.0 | SEP 2018

52 – 54 Riverside, Sir Thomas Longley Road, Medway City Estate, Rochester,
Kent ME2 4DP

tel: +44 (0)1634 711622

email: sales@e-plex.co.uk

web: www.e-plex.co.uk