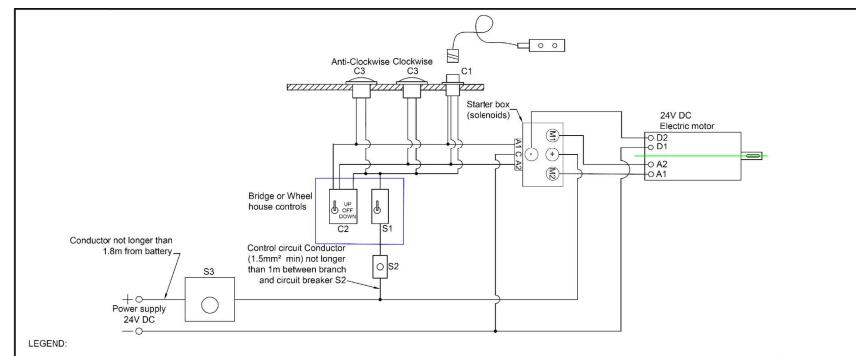
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- C1 Roving 2 button (up-down) hand held water proof controller
- C2 Bridge/Wheel House fixed windlass control UP/OFF/DOWN (momentary)
- C3 Foot switch
- S1 Isolator switch for power supply to the controls (latching)
- S2 Manually resetable circut breaker 3A
- S3 Breaker / Isolator panel (resetable) 135 A (P100791)

All installations should be carried out in accordance with USCG, ABYC, NMMA or other applicable requirements.

After installation and all necessary test - Seal terminals against moisture by spraying with protectant designed for the application.

Total Cable Length from battery to Winch then back to battery	Wire Size mm^2 AWG	Engine Room wire size correction mm^2 AWG
Up to 18.3m (60')	22 4	25 3
From 18.3m - 30.6m (60' - 100')	50 1	

Check rotation of winch before application of chain/rope. Swapping A1 and A2 terminals at motor or solenoid box will change the rotation of winch. Rotation directions refer to windlass shaft rotation when looking down from above.

Tined multistrand conductors of at least 1.5 mm² must be used for all control circuits.

To select the appropriate wire size for the power supply to motor, refer to Table below.

Note:For single direction use e.g. Capstans, wiring to solenoid terminal A1 and associated switch gear etc can be omitted.

Revision	Description	Date	Name
1.00	Initial issue	13/8/2014	GB
1.00	Added Note Re single direction	3/9/2014	GB

WIRING SCHEMATIC FOR 4 TERMINAL ELECTRIC DC POWERED WINDLASS

MAXWELL MARINE LTD AUCKLAND NEW ZEALAND

P101862