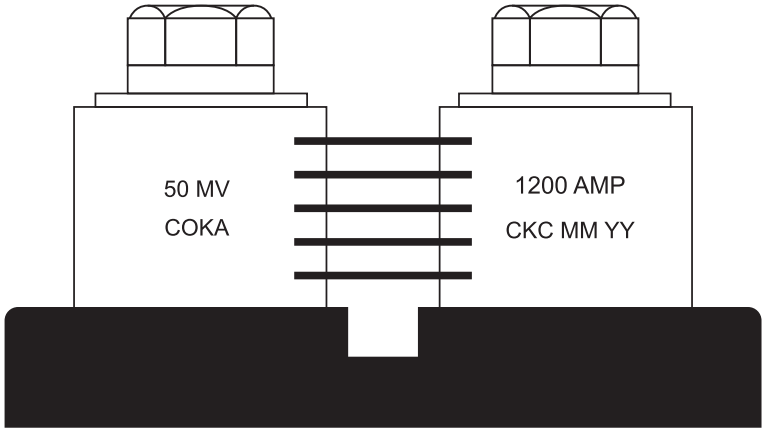
1200 Amp DC SHUNT

Part Number: 3416

INSTALLATION AND OPERATING INSTRUCTIONS

INTRODUCTION

The 3416 1200 Amp DC Current Shunt is designed to measure DC currents of -1200A to +1200A and provide a voltage output that can be measured on a suitably equipped Oceanic Systems measuring device such as the 3410.



SAFETY INSTRUCTIONS

This unit should only be installed by a person competent and experienced in working on electrical systems on boats. Before beginning work the battery should be disconnected to avoid the risk of a short circuit, a fire or an explosion. Before drilling any holes to mount the unit or run the cabling always make sure it is safe to do so.

LOCATION AND INSTALLATION

The power cable to be measured should be attached in series to each of the two large bolts on the top of the shunt. Be sure that these connections are clean and secure to achieve the best accuracy. A signal cable should be connected to the two small screws on the face of the unit and be connected to a suitable measuring device such as the 3410. The signal cable should be run to the 3410 making sure that it is supported and protected between the two devices. Please note that the signal cable should be run directly between the two devices with any excess length trimmed for security.

CALIBRATION & SETUP

The module requires no calibration.

TECHNICAL SUPPORT

If you require technical support for any Oceanic Systems products you can reach us using any of the following ways:

tel: +44 (0)1634 290772

email: sales@energy-solutions.co.uk

web: osukl.com or energy-solutions.co.uk

WARRANTY

Oceanic Systems warrants this product to be free from defects in materials and workmanship for one year from the date of original purchase. If within the applicable period any such products shall be proved to Oceanic Systems satisfaction to fail to meet the above limited warranty, such products shall be repaired or replaced at Oceanic Systems option. Purchaser's exclusive remedy and Oceanic Systems sole obligation hereunder, provided product is returned pursuant to the return requirements below, shall be limited to the repair or replacement, at Oceanic Systems option, of any product not meeting the above limited warranty and which is returned to Oceanic Systems; or if Oceanic Systems is unable to deliver a replacement that is free from defects in materials or workmanship, Purchaser's payment for such product will be refunded. Oceanic Systems assumes no liability whatsoever for expenses of removing any defective product or part, or for installing the repaired product or part or a replacement therefore or for any loss or damage to equipment in connection with which Oceanic Systems products or parts shall be used. The foregoing warranties shall not apply with respect to products subjected to negligence, misuse, misapplication, accident, damages by circumstances beyond Oceanic Systems control, to improper installation, operation, maintenance, or storage, or to other than normal use or service.
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WARRANTY RETURN PROCEDURE

To apply for warranty claims, contact Oceanic Systems or one of its dealers to describe the problem and determine the appropriate course of action. If a return is necessary, place the product in its original packaging together with proof of purchase and send to an Authorized Oceanic Systems Service Location. You are responsible for all shipping and insurance charges. Oceanic Systems will return the replaced or repaired product with all shipping and handling prepaid except for requests requiring expedited shipping (i.e. overnight shipments). Failure to follow this warranty return procedure could result in the product's warranty becoming null and void.

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