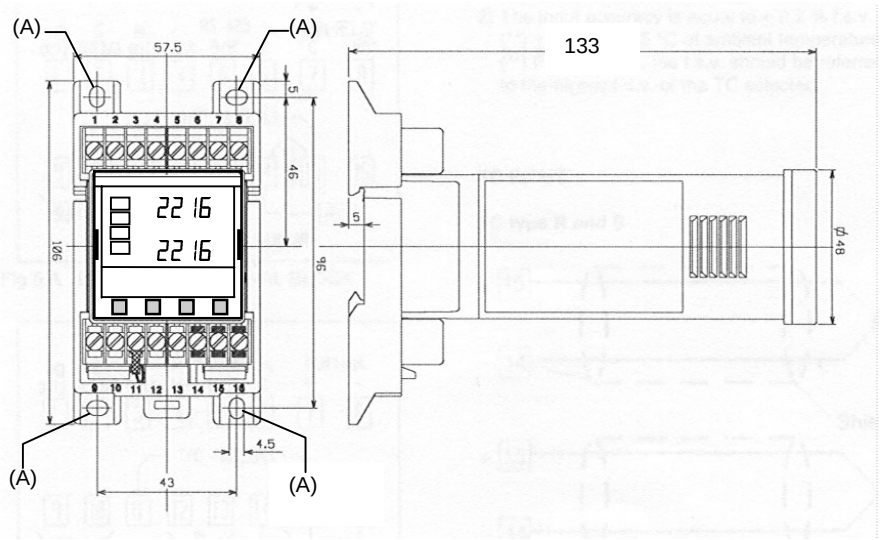
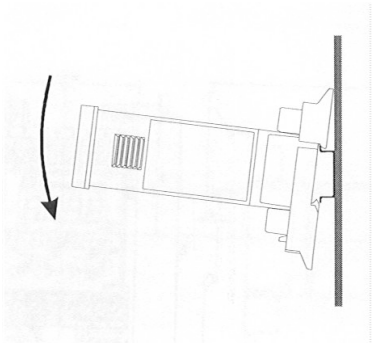
MOUNTING DETAILS

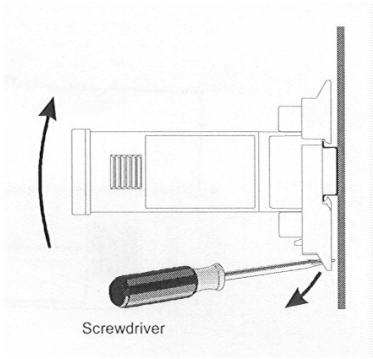
The controller can be mounted either on a flat surface or on DIN rail. For rail mounting use symmetrical DIN rail 35 x 7.5mm or 35 x 15mm. For mounting on a flat surface use the (A) holes provides. Use M4 screws tightened with a torque of 1Nm.

The dimensions are as follows:





Mounting



Removing

2216E DIN Rail Mounting Controller

CONTENTS

INTRODUCTION

This version of the 2216e controller is designed specifically for DIN rail or flat surface mounting. The operation and performance is identical to that of the panel mounting 2216e - apart from the use of external CJC compensation – see below. Please therefore, refer to the main handbook for configuration and operation instructions.

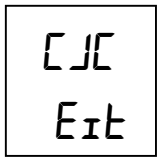
The 2216e can be used as a temperature or process controller, independent alarm unit, or as an isolating signal conditioner. It can operate standalone, or be connected to an operator panel, Programmable Logic Controller or Supervisory Control System using Modbus or Devicenet communications.

This version of the 2216e contains special firmware to measure the cold junction temperature at the terminals of the DIN housing. A Pt100 sensor, mounted under the input terminals, is used to measure the cold junction temperature.

Please note: because of the external CJC sensing, the Pt100 input is not supported.

CONFIGURATION

In configuration level external cold junction sensing must be selected. This is done in the iP list by selecting Ext as the CJC reference temperature.

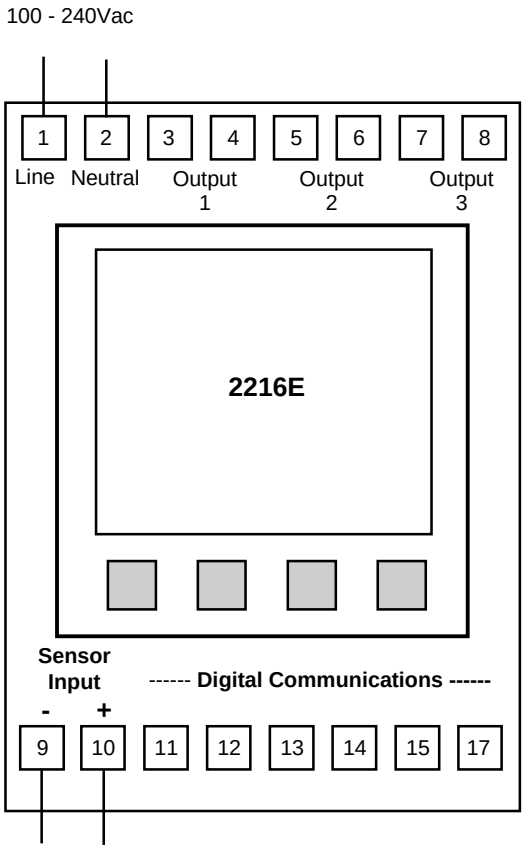


The configuration and operation of this controller is otherwise identical to that of the standard 2216e panel mounting controller.

ENG

ELECTRICAL CONNECTIONS

The connections are as follows:



ELECTRICAL CONNECTIONS - CONTINUED