

Digital Controller

EN INSTRUCTION MANUAL

Thank you for purchasing the OMRON E5CC Digital Controller. This manual describes the functions, performance, and application methods...

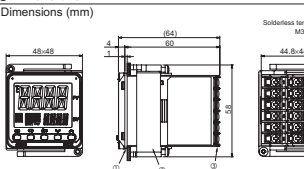
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Refer to the E5-C Digital Controllers User's Manual (Cat. No. H174) for detailed application procedures.

Safety Precautions

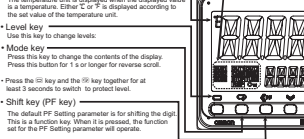
Indicates a potentially hazardous situation which, if not avoided, is likely to result in minor or moderate injury or property damage...

Wiring



Do not remove the terminal block. Doing so may result in failure or malfunction. A Setup Tool is provided on the upper of the product...

Names of Parts on Front Panel



Operation Menu

Table with columns: Input type, Input, Setting, Setting range. Lists settings for Platinum resistance thermometer, Thermocouple, Infrared, Current input, and Voltage input.

Initial Setting Level

Table with columns: Alarm, Alarm type, Alarm output function. Lists 19 different alarm settings and their corresponding outputs.

Conformance to Safety Standard

Reinforced insulation is provided between input power supply, relay outputs, and between other terminals.

Conformance to EN/IEC Standards

This is a Class A product. In residential areas it may cause radio interference, in which case the user may be required to take additional measures to reduce interference.

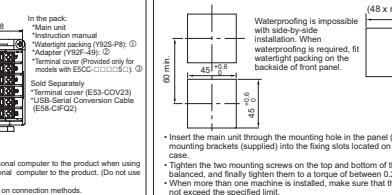
Warning Symbols

- CAUTION: Minor injury due to electric shock may occasionally occur. Do not touch the terminals while power is being supplied. Electric shock, fire, or malfunction may occasionally occur...

Suitability for Use

OMRON Companies shall not be responsible for conformity with any standards, codes or regulations which apply to the combination of the Product in the Buyer's application or use of the Product.

Installation



- Operation indicators: No.1 display, No.2 display, Up and Down keys, etc. STOP: Control stopped indicator. CMW: Communications writing enabled/disabled indicator.

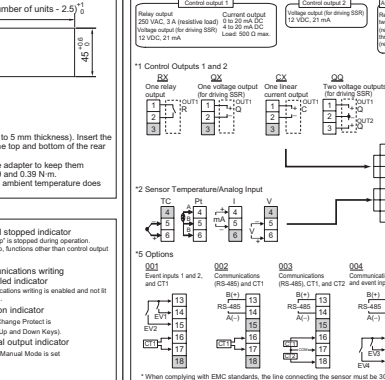
Precautions for Safe Use

- Be sure to observe the following precautions to prevent operation failure, malfunction, or adverse effects on the performance and functions of the product. Do not do so may occasionally result in unexpected events. (1) The product is designed for indoor use only. Do not use the product outdoors...

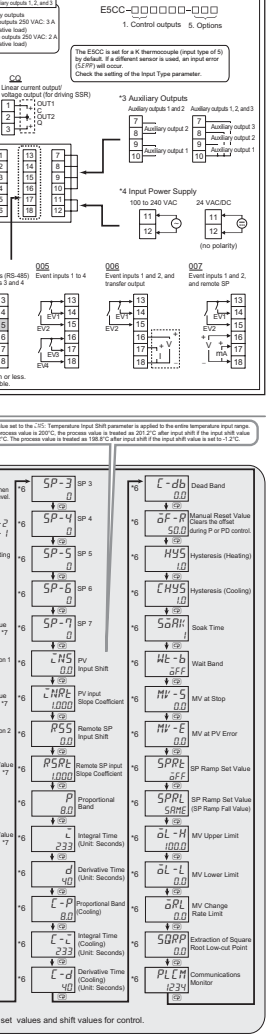
Specifications

Table with columns: Power supply voltage, Operating voltage range, Power consumption, All other specifications, Indication accuracy, Event input, Control input, Remote SP input, Control output 1, Control output 2, Control method, Transfer output, Ambient temperature, Ambient humidity, Storage temperature, Weight, Degree of protection, Installation environment, Memory protection, Temporary overvoltage.

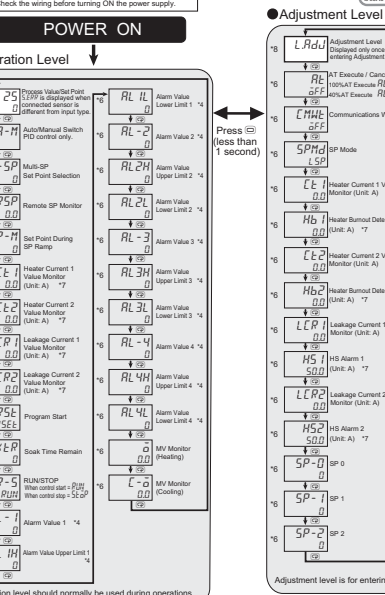
Connections



Adjustment Level



Operation Level



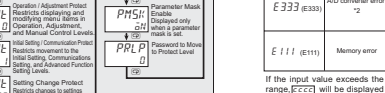
Error Display (troubleshooting)

When an error has occurred, the No.1 display shows the error code. Take necessary measure according to the error code, referring to the table below.

Table with columns: No.1 display, Meaning, Action, Status at error. Lists error codes like SEPP, E333, E111 and their corresponding actions.

Protect Level

Refer to the E5-C Digital Controllers User's Manual (Cat. No. H174) for information on communications. Manual Control Level, and other functions.



Other functions

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