Specifications

Eaton 197227

Catalog Number: 197227

Eaton Moeller® series EASY Starter package consisting of EASY-E4-UC-12RC1, patch cable and software license for easySoft



General specifications

Product Name
Eaton Moeller® series EASY Starter kit

Catalog Number
197227

EAN
4015081939398

Product Length/Depth
200 mm

Product Height
135 mm

Product Width
255 mm

Product Weight
0.6 kg

Compliances
Eaton supports the product until its end of life

Certifications
EN 55011
IEC 60068-2-27
IEC 60068-2-6
IEC/EN 61000-4
EN 55022
IEC/EN 61000-4-2

Catalog Notes
depending on ambient air temperature fluctuations of up to ± 5 s/day (± 0.5 h/year) are possible

Powering Business Worldwide

Features & Functions

Fitted with:

Basic device

Connection cable

Control unit

Software preinstalled

Programming software

General

Insulation resistance

According to EN 50178

Mounting method

Top-hat rail fixing (according to IEC/EN 60715, 35 mm)

Screw fixing using fixing brackets ZB4-101-GF1 (accessories)

Overvoltage category

III

Pollution degree

2

Type

Starter kit

Ambient conditions, mechanical

Drop and topple

50 mm Drop height, Drop to IEC/EN 60068-2-31

Mounting position

Horizontal

Vertical

Shock resistance

15 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 11 ms, 18 Impacts

Climatic environmental conditions

Air pressure

795 - 1080 hPa (operation)

Environmental conditions

Clearance in air and creepage distances according to EN 50178, UL 508, CSA C22.2, No. 142

Condensation: prevent with appropriate measures

Relative humidity

5 - 95 % (IEC 60068-2-30, IEC 60068-2-78)

Electro magnetic compatibility

Air discharge

8 kV

Contact discharge

6 kV

Immunity to line-conducted interference

10 V (according to IEC/EN 61000-4-6)

Design verification

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects

Meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.2.7 Inscriptions

Meets the product standard's requirements.

10.3 Degree of protection of assemblies

Meets the product standard's requirements.

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

10.8 Connections for external conductors

Is the panel builder's responsibility.

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

10.11 Short-circuit rating

Is the panel builder's responsibility.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility.

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Resources

Application notes

eaton-easye4-aws-ap050027-en-us.pdf

Brochures

easy E4 control relay-brochure

Catalogs

eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf

Declarations of conformity

DA-DC-00005048.pdf

DA-DC-00005057.pdf

Drawings

eaton-modular-plc-starter-kit-dimensions.eps

Installation instructions

IL050020ZU

Installation videos

Video easy E4 control relay

Control relay easyE4: The new generation

Manuals and user guides

MN050009_EN

Multimedia

Handling of the data logger as a ring buffer with the easyE4 using the ST programming language.

easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator

How to connect the Remote Touch Display EASY-RTD to the easyE4?

How to process ModbusRTU devices with the EASY-COM-RTU-M1 module on an easyE4?

How to connect the easyE4 to the touch panel XV-102 for easy? - 5 Steps

How to process SmartWire-DT modules using the EASY-COM-SWD-C1 module connected to an easyE4?

Product notifications

eaton-easye-product-family-product-cybersecurity-guideline-mz049001en.pdf

Sales notes

eaton-control-relay-easye4-flyer-fl050007en-en-us.pdf

eaton-starterset-easye4-xv100-flyer-fl050009en-en-us.pdf



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