Specifications

Eaton 199507

Catalog Number: 199507

Eaton EASY Bundle consisting of EASY-E4-UC-12RC1 and EASY-COM-SWD-C1



General specifications

Product Name
Eaton Moeller® series EASY Starter kit

Catalog Number
199507

EAN
4015081980086

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
IEC/EN 61000-6-3
EN 50178
IEC/EN 61000-6-2
EN 61010
IEC 60068-2-6
IEC 60068-2-30
IEC/EN 61131-2
IEC 60068-2-27
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

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Features & Functions

Fitted with:

Connection cable

Documentation

Power supply

General

Degree of protection

IP20

Insulation resistance

According to EN 50178

Mounting method

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

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

Overvoltage category

III

Pollution degree

2

Product category

Control relays easyE4

Type

Starter kit

Ambient conditions, mechanical

Drop and topple

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

Height of fall (IEC/EN 60068-2-32) - max

1 m

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)

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

55 °C

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, Electrostatic discharge (ESD)

Terminal capacities

Terminal capacity (flexible with ferrule)

0.2/2.5 mm²

Terminal capacity (flexible with ferrule AWG)

22 - 12

Immunity to line-conducted interference

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

Terminal capacity (solid)

0.2/4 mm²

Terminal capacity (solid AWG)

22 - 12

Electrical rating

Rated operational voltage

12/24 V DC (-15 %/+ 20 % - power supply)

24 V AC (-15 %/+10 % - power supply)

Input/Output

Accuracy

± 2 s/day, Real-time clock to inputs (± 0.2 h/Year)

Design verification

10.2.5 Lifting

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

10.2.7 Inscriptions

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.

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

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-00004701.pdf

DA-DC-00004710.pdf

Flyers

eaton-easye4-communication-module-rmq-mci-flyer-fl050011en-en-us.pdf

Installation instructions

IL050020ZU

IL050024ZU

Installation videos

Video easy E4 control relay

Control relay easyE4: The new generation

Manuals and user guides

MN050009_EN

Multimedia

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

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

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

Product notifications

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

Sales notes

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

eaton-easy-remote-touch-display-flyer-fl048004en-en-us.pdf



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