

Eaton EDR-5000-2B1HA0

Catalog Number: EDR-5000-2B1HA0

Eaton, distribution relay, EDR-5000, Distribution relay, 61850 or Mbus TCP or DNP3 TCP/UDP over Enet RJ45, 5A, 1A, 40-250 Vac, 19-300 Vdc, 16, 11, Feeder over Ethernet RJ-45, 19-300Vdc, 40-250Vac, 50/60 Hz ,Sensitive Ground Input,

General specifications



Product Name

Eaton distribution relay

Catalog Number

EDR-5000-2B1HA0

UPC

786679144251

Product Length/Depth

8.05 in

Product Height

8.7 in

Product Width

9.72 in

Product Weight

9.259 lb

Warranty

Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.

Compliances

Contact Manufacturer

Delivery program

Application

Feeder

Type

Distribution relay

General information

Product Category

Distribution relay

Other

Analog inputs

0

Analog outputs

0

Base relay

EDR-5000

Conformal coating

None

Communication

61850 or Mbus TCP or DNP3 TCP/UDP over Enet RJ45

Current sensing inputs

1

I/O options

Trip Coil Monitor

Sensitive Ground Input

IRIG-B

Modbus / DNP3 TCP

over Ethernet RJ-45

Phase current

5A, 1A

Sensing inputs

Power Protection and Metering

Current Protection and Metering

Voltage Protection and Metering

Zone selective interlocking

1

Physical details

Number of inputs

16

Technical data - Electrical

Power consumption

40-250 Vac, 19-300 Vdc

Number of outputs

11

Power supply range

19-300Vdc, 40-250Vac

Frequency rating

50/60 Hz

Technical data - Mechanical

Mounting method

Semi-flush

Technical data - Mechanical - Terminals

Terminals

Removable

Technical information

Voltage sensing inputs

1

Resources

Brochures

[E-series protective relays](#)

Installation instructions

[E-SERIES CHEAT SHEET FOR FIELD/OPERATIONS PERSONNEL](#)

[E-Series Troubleshooting Guide](#)

[EDR-5000 Quick Start Guide](#)

[EDR-5000 Instruction Manual V2.5](#)

Multimedia

[Programming an Eaton E-Series Relay, Step 2: Getting Started with PowerPort-E](#)

[Programming an Eaton E-Series Relay, Step 4: Advanced Configuration with PowerPort-E](#)

[Programming an Eaton E-Series Relay, Step 3: Getting Started with the E-Series Wizard](#)

[Introduction to Eaton's E-Series Relay, Step 1: Physical Connections](#)

Specifications and datasheets

[E-Series Customizable Replacement Labels](#)

[E Series Protective Relays Declaration of Conformity](#)

[Eaton Specification Sheet - EDR-5000-2B1HA0](#)

Wiring diagrams

[EDR-5000 Wiring Diagrams](#)



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