

# Eaton ETR-4000-2A1LB1

Catalog Number: ETR-4000-2A1LB1

Eaton, transformer relay, ETR-4000, Transformer protection relay, Mbus TCP or DNP3 TCP/UDP over LC duplex FO Enet, 5A, 1A, 40-250 Vac, 19-300 Vdc, 8, 9, Transformer, 19-300Vdc, 40-250Vac, 50/60 Hz, Projection, Sensitive Ground Input

## General specifications



Product Name

Eaton transformer relay

UPC

786679154953

Product Height

8.7 in

Product Weight

9.3 lb

Catalog Number

ETR-4000-2A1LB1

Product Length/Depth

8.06 in

Product Width

9.72 in

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

Transformer

### Type

Transformer relay

## General information

### Product Category

Transformer protection relay

## Other

### Analog inputs

0

### Analog outputs

0

### Base relay

ETR-4000

### Conformal coating

Conformal Coated Circuit Boards

### Communication

Mbus TCP or DNP3 TCP/UDP over LC duplex FO Enet

### Current sensing inputs

2

### Digital inputs

8

### Digital outputs

9

### I/O options

IRIG-B

Trip Coil Monitor

Sensitive Ground Input

URTD Interface

### Modbus / DNP3 TCP

over LC duplex fiber optic Ethernet

### Phase current

5A, 1A

### Sensing inputs

Current Protection and Metering

Differential Protection

### Zone selective interlocking

2

Number of inputs

8

Number of outputs

9

Power supply range

19-300Vdc, 40-250Vac

Frequency rating

50/60 Hz

Power consumption

40-250 Vac, 19-300 Vdc

Physical details

Number of inputs

8

Number of outputs

9

Power supply range

19-300Vdc, 40-250Vac

Technical data - Electrical

Power consumption

40-250 Vac, 19-300 Vdc

Frequency rating

50/60 Hz

Technical data - Mechanical

Terminals

Removable

Mounting method

Projection

Technical data - Mechanical - Terminals

Voltage sensing inputs

0

Terminals

Removable

Resources

Brochures

E-series protective relays

Power metering, monitoring and diagnostics products for OEMs

Multimedia

Programming an Eaton E-Series Relay, Step 4: Advanced Configuration with PowerPort-E

Interfacing with an Eaton E-Series Relay, Step 6: Front Panel Navigation

Introduction to Eaton's E-Series Relay, Step 1: Physical Connections

Interfacing with an Eaton E-Series Relay, Step 5: Monitoring with PowerPort-E

Eaton Distribution and Transformer Relays

Programming an Eaton E-Series Relay, Step 2: Getting Started with PowerPort-E

Programming an Eaton E-Series Relay, Step 3: Getting Started with the

[E-Series Wizard](#)

[Specifications and datasheets](#)

[Eaton Specification Sheet - ETR-4000-2A1LB1](#)

[Wiring diagrams](#)

[ETR-4000 Wiring Diagrams](#)



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