

## Specifications

# Eaton ETR-4000-2A1KA0

Catalog Number: ETR-4000-2A1KA0

Eaton, transformer relay, ETR-4000, Transformer protection relay, 5A, 1A, 40-250 Vac, 19-300 Vdc, 8, 9, Removable, Transformer, , 19-300Vdc, 40-250Vac, 50/60 Hz Sensitive Ground Input, Trip Coil Monitor{PIO3},

### General specifications



|                         |  |
|-------------------------|--|
| Product Name            | Catalog Number   |
| Eaton transformer relay | ETR-4000-2A1KA0  |
| UPC                     | Product Length/Depth   |
| 786679155370            | 8.06 in  |
| Product Height          | Product Width  |
| 8.7 in                  | 9.72 in  |
| Product Weight          | Warranty   |
| 9.3 lb                  | 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

None

### Current sensing inputs

2

### Digital inputs

8

### Digital outputs

9

### I/O options

Trip Coil Monitor

URTD Interface

Sensitive Ground Input

IRIG-B

### 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

## Technical data - Mechanical

### Terminals

Removable

### Mounting method

Semi-flush

## Technical data - Mechanical - Terminals

### Voltage sensing inputs

0

### Terminals

Removable

## Resources

### Brochures

Power metering, monitoring and diagnostics products for OEMs

E-series protective relays

### Multimedia

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

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 4: Advanced Configuration with PowerPort-E

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

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

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

## Navigation

### Specifications and datasheets

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

[Eaton Specification Sheet - ETR-4000-2A1KA0](#)

[E-Series Customizable Replacement Labels](#)

### Wiring diagrams

[ETR-4000 Wiring Diagrams](#)



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