

Specifications



Photo is representative



Eaton EDR-5000-2A0IB1

Eaton, distribution relay, EDR-5000, Distribution relay,5A, 1A, 40-250 Vac, 19-300 Vdc, Removable, Feeder,1 0, 1, over RS-485, over Ethernet RJ-45,19-300Vdc, 40-250Vac, 50/60 Hz, Projection,Trip Coil Monitor{PIO3},

General specifications	
PRODUCT NAME	Eaton distribution relay
CATALOG NUMBER	EDR-5000-2A0IB1
UPC	786679144299
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

Other

ANALOG INPUTS	0
ANALOG OUTPUTS	0
BASE RELAY	EDR-5000
CONFORMAL COATING	Conformal Coated Circuit Boards
CURRENT SENSING INPUTS	1
I/O OPTIONS	IRIG-B Trip Coil Monitor
MODBUS / DNP3 RTU	over RS-485
MODBUS / DNP3 TCP	over Ethernet RJ-45
PHASE CURRENT	5A, 1A
SENSING INPUTS	Voltage Protection and Metering Current Protection and Metering Power Protection and Metering
ZONE SELECTIVE INTERLOCKING	1

Technical data - Electrical

POWER CONSUMPTION	40-250 Vac, 19-300 Vdc
FREQUENCY RATING	50/60 Hz

Technical data - Mechanical - Terminals

TERMINALS	Removable
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General information

PRODUCT CATEGORY	Distribution relay
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Physical details

NUMBER OF INPUTS	8
NUMBER OF OUTPUTS	11
POWER SUPPLY RANGE	19-300Vdc, 40-250Vac

Technical data - Mechanical

MOUNTING METHOD	Projection
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Technical information

VOLTAGE SENSING INPUTS	1
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Resources

BROCHURES

[E-series protective relays](#)

MULTIMEDIA

[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](#)

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

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

SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - EDR-5000-2A0IB1](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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