

# Specifications



## Eaton 197215

Eaton Moeller® series EASY Control relays easyE4 with display (expandable, Ethernet), 100 - 240 V AC, 110 - 220 V DC (cULus: 100 - 110 V DC), Inputs Digital: 8, screw terminal EASY-E4-AC-12RC1

### General specifications

|                      |                                          |
|----------------------|------------------------------------------|
| PRODUCT NAME         | Eaton Moeller® series EASY Control relay |
| CATALOG NUMBER       | 197215                                   |
| MODEL CODE           | EASY-E4-AC-12RC1                         |
| EAN                  | 4015081939442                            |
| PRODUCT LENGTH/DEPTH | 58 mm                                    |
| PRODUCT HEIGHT       | 90 mm                                    |
| PRODUCT WIDTH        | 72 mm                                    |
| PRODUCT WEIGHT       | 0.25 kg                                  |

|             |                                                  |
|-------------|--------------------------------------------------|
| COMPLIANCES | Eaton supports the product until its end of life |
|-------------|--------------------------------------------------|

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CERTIFICATIONS | EN 61010<br>IEC/EN 61000-6-2<br>CULus per UL 61010<br>IEC/EN 61000-4-2<br>IEC/EN 61131-2<br>IEC 60068-2-30<br>CSA-C22.2 No. 61010<br>EN 50178<br>IEC 60664<br>IEC 60068-2-27<br>IEC 60068-2-6<br>IEC/EN 61000-6-3<br>UL Listed<br>UL Category Control No.: NQAQ, NQAQ7<br>UL File No.: E205091<br>DNV GL<br>CE<br>UL hazardous location group C (ethylene)<br>UL hazardous location class I<br>UL hazardous location group D (propane)<br>UL hazardous location group A (acetylene) |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



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|                      |                                                                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|                      | UL hazardous location group B (hydrogen)<br>UL hazardous location division 2                                                                |
| <b>CATALOG NOTES</b> | Accuracy of the real-time clock depending on ambient air temperature - fluctuations of up to $\pm 5$ s/day ( $\pm 0.5$ h/year) are possible |

| Ambient conditions, mechanical                  |                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>DROP AND TOPPLE</b>                          | 50 mm Drop height, Drop to IEC/EN 60068-2-31                                                                      |
| <b>HEIGHT OF FALL (IEC/EN 60068-2-32) - MAX</b> | 0.3 m                                                                                                             |
| <b>MOUNTING POSITION</b>                        | Horizontal<br>Vertical                                                                                            |
| <b>SHOCK RESISTANCE</b>                         | 15 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 11 ms, 18 Impacts                         |
| <b>VIBRATION RESISTANCE</b>                     | According to IEC/EN 60068-2-6<br>57 - 150 Hz, 2 g constant acceleration<br>10 - 57 Hz, 0.15 mm constant amplitude |

| Cable               |                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CABLE LENGTH</b> | 100 m (max. permissible per input I7 to I8), Digital inputs 115/230 V AC<br>40 m (max. permissible per input I1 to I6), Digital inputs 115/230 V AC |
| <b>CABLE TYPE</b>   | Ethernet: CAT5                                                                                                                                      |

| Climatic environmental conditions          |                                                                                                                                                                            |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AIR PRESSURE</b>                        | 795 - 1080 hPa (operation)                                                                                                                                                 |
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b> | 55 °C                                                                                                                                                                      |
| <b>AMBIENT STORAGE TEMPERATURE - MAX</b>   | 70 °C                                                                                                                                                                      |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b> | -25 °C                                                                                                                                                                     |
| <b>AMBIENT STORAGE TEMPERATURE - MIN</b>   | -40 °C                                                                                                                                                                     |
| <b>ENVIRONMENTAL CONDITIONS</b>            | Condensation: prevent with appropriate measures<br>Clearance in air and creepage distances according to EN 50178, EN 61010-2-201, UL61010-2-201, CSA-C22.2 NO. 61010-2-201 |
| <b>RELATIVE HUMIDITY</b>                   | 5 - 95 % (IEC 60068-2-30, IEC 60068-2-78)                                                                                                                                  |

| Communication             |                                               |
|---------------------------|-----------------------------------------------|
| <b>CONNECTION TYPE</b>    | Screw terminal<br>Ethernet: RJ45 plug, 8-pole |
| <b>DATA TRANSFER RATE</b> | 10/100 MBit/s                                 |

## Design verification

|                                                                                         |                                                                                                                                  |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>10.10 TEMPERATURE RISE</b>                                                           | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| <b>10.11 SHORT-CIRCUIT RATING</b>                                                       | Is the panel builder's responsibility.                                                                                           |
| <b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>                                              | Is the panel builder's responsibility.                                                                                           |
| <b>10.13 MECHANICAL FUNCTION</b>                                                        | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |
| <b>10.2.2 CORROSION RESISTANCE</b>                                                      | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>                         | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>       | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b> | Meets the product standard's requirements.                                                                                       |
| <b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>                                 | Meets the product standard's requirements.                                                                                       |
| <b>10.2.5 LIFTING</b>                                                                   | Does not apply, since the entire switchgear needs to be evaluated.                                                               |
| <b>10.2.6 MECHANICAL IMPACT</b>                                                         | Does not apply, since the entire switchgear needs to be evaluated.                                                               |
| <b>10.2.7 INSCRIPTIONS</b>                                                              | Meets the product standard's requirements.                                                                                       |
| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                                          | Meets the product standard's requirements.                                                                                       |
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                                           | Meets the product standard's requirements.                                                                                       |
| <b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>                                           | Does not apply, since the entire switchgear needs to be evaluated.                                                               |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>                           | Does not apply, since the entire switchgear needs to be evaluated.                                                               |

## Electrical rating

|                                                                              |                                                                                                                                                                       |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CONVENTIONAL THERMAL CURRENT ITH OF AUXILIARY CONTACTS (1-POLE, OPEN)</b> | 8 A                                                                                                                                                                   |
| <b>INRUSH CURRENT</b>                                                        | 12.5 A (for 6 ms)                                                                                                                                                     |
| <b>POWER CONSUMPTION</b>                                                     | 4 W                                                                                                                                                                   |
| <b>POWER LOSS</b>                                                            | 10 W                                                                                                                                                                  |
| <b>RATED BREAKING CAPACITY</b>                                               | 300000 Operations at AC-15, 250 V AC, 3 A (600 Ops./h)<br>200000 Operations at DC-13, 24 V DC, 1 A (500 Ops./h)                                                       |
| <b>RATED INSULATION VOLTAGE (UI)</b>                                         | 240 V                                                                                                                                                                 |
| <b>RATED OPERATIONAL VOLTAGE</b>                                             | Max. 300 V DC<br>100/110/115/120/230/240 AC (-15 %/+10 %)<br>85 - 264 V AC<br>Max. 300 V AC<br>110/120 V DC (power supply)<br>240 V AC                                |
| <b>SUPPLY FREQUENCY</b>                                                      | 50/60 Hz (± 5%)                                                                                                                                                       |
| <b>SUPPLY VOLTAGE AT AC, 50 HZ - MAX</b>                                     | 264 VAC                                                                                                                                                               |
| <b>SUPPLY VOLTAGE AT AC, 50 HZ - MIN</b>                                     | 85 VAC                                                                                                                                                                |
| <b>SUPPLY VOLTAGE AT DC - MAX</b>                                            | 264 VDC                                                                                                                                                               |
| <b>SUPPLY VOLTAGE AT DC - MIN</b>                                            | 85 VDC                                                                                                                                                                |
| <b>UNINTERRUPTED CURRENT</b>                                                 | 5 A AC, max. thermal continuous current $\cos \phi = 1$ at B 300 (UL/CSA)<br>8 A AC, at 240 V AC (UL/CSA)<br>8 A DC, at 24 V DC (UL/CSA)<br>1 A DC, at R 300 (UL/CSA) |

|                                                                      |                                        |
|----------------------------------------------------------------------|----------------------------------------|
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>             | Is the panel builder's responsibility. |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                      | Is the panel builder's responsibility. |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                      | Is the panel builder's responsibility. |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                              | Is the panel builder's responsibility. |
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>      | Is the panel builder's responsibility. |
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>            | 4 W                                    |
| <b>HEAT DISSIPATION CAPACITY PDISS</b>                               | 0 W                                    |
| <b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>             | 0 W                                    |
| <b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b> | 0 A                                    |
| <b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>            | 4 W                                    |

## Electro magnetic compatibility

|                                                |                                                                                                                                                                                         |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AIR DISCHARGE</b>                           | 8 kV                                                                                                                                                                                    |
| <b>BURST IMPULSE</b>                           | 2 kV, Signal cable<br>According to IEC/EN 61000-4-4<br>2 kV, Supply cable                                                                                                               |
| <b>CONTACT DISCHARGE</b>                       | 6 kV                                                                                                                                                                                    |
| <b>ELECTROMAGNETIC FIELDS</b>                  | 3 V/m at 1.4 - 2 GHz<br>(according to IEC EN 61000-4-3)<br>1 V/m at 2.0 - 2.7 GHz<br>(according to IEC EN 61000-4-3)<br>10 V/m at 0.8 - 1.0 GHz<br>(according to IEC EN 61000-4-3)      |
| <b>IMMUNITY TO LINE-CONDUCTED INTERFERENCE</b> | 10 V (according to IEC/EN 61000-4-6)                                                                                                                                                    |
| <b>RADIO INTERFERENCE CLASS</b>                | Class B (EN 61000-6-3)                                                                                                                                                                  |
| <b>SURGE RATING</b>                            | 1 kV, Supply cables, symmetrical, power pulses (Surge), EMC<br>According to IEC/EN 61000-4-5, power pulses (Surge), EMC<br>2 kV, Supply cables, asymmetrical, power pulses (Surge), EMC |
| <b>VOLTAGE DIPS</b>                            | 10 ms                                                                                                                                                                                   |

## Features & functions

|                     |                                                                                       |
|---------------------|---------------------------------------------------------------------------------------|
| <b>FEATURES</b>     | Networkable (Ethernet)<br>Expandable<br>Display indication of 6 lines x 16 characters |
| <b>FITTED WITH:</b> | Relay output<br>Timer<br>Keypad<br>Display<br>Real time clock                         |
| <b>INDICATION</b>   | LCD-display used as status indication of Digital inputs<br>115/230 V AC               |

## General information

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DEGREE OF PROTECTION</b>      | IP20                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>DISPLAY TEMPERATURE - MAX</b> | 55 °C                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>DISPLAY TEMPERATURE - MIN</b> | 0 °C                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>DISPLAY TYPE</b>              | Monochrome                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>INPUT FREQUENCY</b>           | 50/60 Hz (Digital inputs, at 115/230 V AC)<br>50/60 Hz (Digital inputs, at 24 V DC)                                                                                                                                                                                                                                                                                                                                                           |
| <b>INSULATION RESISTANCE</b>     | According to EN 50178, EN 61010-2-201, UL61010-2-201, CSA-C22.2 NO. 61010-2-201                                                                                                                                                                                                                                                                                                                                                               |
| <b>LIFESPAN, ELECTRICAL</b>      | 25,000 Operations<br>(Fluorescent lamp load 1 x 58 W at 230/240 V AC, conventional, compensated)<br>25,000 Operations<br>(Fluorescent lamp load 10 x 58 W at 230/240 V AC, with upstream electrical device)<br>25,000 Operations<br>(Filament bulb load at 1000 W, 230/240 V AC)<br>25,000 Operations<br>(Fluorescent lamp load 10 x 58 W at 230/240 V AC, uncompensated)<br>25,000 Operations<br>(Filament bulb load at 500 W, 115/120 V AC) |
| <b>LIFESPAN, MECHANICAL</b>      | 1,000,000 Operations                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>MOUNTING METHOD</b>           | Screw fixing using fixing brackets ZB4-101-GF1 (accessories)<br>Rail mounting possible<br>Top-hat rail fixing (according to IEC/EN 60715, 35 mm)<br>Wall mounting/direct mounting<br>Front build in possible                                                                                                                                                                                                                                  |
| <b>OVERVOLTAGE CATEGORY</b>      | III                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>POLLUTION DEGREE</b>          | 2                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>PRODUCT CATEGORY</b>          | Control relays easyE4                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>PROTECTION</b>                | B16 circuit breaker or 8 A (T) fuse, Protection of an Output relay                                                                                                                                                                                                                                                                                                                                                                            |

## Input/Output

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCURACY</b>                  | ± 1 %, Repetition accuracy of timing relays (of values)<br>± 2 s/day, Real-time clock to inputs (± 0.2 h/Year)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>DELAY TIME</b>                | 21 ms typ., Digital Inputs 100 - 240 V AC 60 Hz (I1 - I8), Delay time from 0 to 1, Debounce OFF<br>20 ms typ., Digital Inputs 100 - 240 V DC (I1 - I8), Delay time from 0 to 1, Debounce ON<br>20 ms, Digital inputs 115/230 V AC 50 Hz (I7, I8), Delay time from 1 to 0, Debounce OFF<br>21 ms typ., Digital Inputs 100 - 240 V AC 60 Hz (I1 - I8), Delay time from 1 to 0, Debounce OFF<br>16⅔ ms, Digital inputs 115/230 V AC 60 Hz (I7, I8), Delay time from 1 to 0, Debounce OFF<br>0.03 ms typ., Digital Inputs 100 - 240 V DC (I1 - I8), Delay time from 0 to 1, Debounce OFF<br>0.03 ms typ., Digital Inputs 100 - 240 V DC (I1 - I8), Delay time from 1 to 0, Debounce OFF<br>20 ms typ., Digital Inputs 100 - 240 V DC (I1 - I8), Delay time from 1 to 0, Debounce ON |
| <b>INPUT CURRENT</b>             | 2 x 4 mA (I7 - I8, at 115 V AC, 60 Hz, at signal 1)<br>6 x 0.25 mA (I1 - I6, at 115 V AC, 60 Hz, at signal 1)<br>2 x 6 mA (I7 - I8, at 230 V AC, 50 Hz, at signal 1)<br>6 x 0.5 mA (I1 - I6, at 230 V AC, 50 Hz, at signal 1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>INPUT VOLTAGE</b>             | Condition 0: 0 - 40 V AC, Digital inputs, 115/230 V AC)<br>Condition 1: 79 - 264 V AC, Digital inputs, 115/230 V AC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>MAKING/BREAKING CAPACITY</b>  | 3600/360 VA (AC, at B 300)<br>28/28 VA (DC, at R 300)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>NUMBER OF INPUTS (ANALOG)</b> | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

|                                                       |                                                                                                                                              |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PROTOCOL</b>                                       | TCP/IP<br>MODBUS                                                                                                                             |
| <b>RATED IMPULSE<br/>WITHSTAND VOLTAGE<br/>(UIMP)</b> | 6 kV (contact-coil)                                                                                                                          |
| <b>RESIDUAL RIPPLE</b>                                | ≤ 5 %                                                                                                                                        |
| <b>RESOLUTION</b>                                     | <ul style="list-style-type: none"> <li>• 1 min (Range H:M)</li> <li>• 1 s (Range M:S)</li> <li>• 5 ms (Range S)</li> </ul>                   |
| <b>SOFTWARE</b>                                       | EASYSOFT-SWLIC/easySoft                                                                                                                      |
| <b>SWITCHING FREQUENCY</b>                            | 10 Hz, Relay outputs<br>2 Hz, Resistive load/lamp<br>load, Relay outputs<br>0.5 Hz, Inductive load,<br>Relay outputs                         |
| <b>TYPE</b>                                           | easyE4 base device                                                                                                                           |
| <b>USED WITH</b>                                      | easyE4                                                                                                                                       |
| <b>UTILIZATION CATEGORY</b>                           | B 300 Light Pilot Duty,<br>UL/CSA Control Circuit<br>Rating Codes AC<br>R 300 Light Pilot Duty,<br>UL/CSA Control Circuit<br>Rating Codes DC |
| <b>VOLTAGE TYPE</b>                                   | AC                                                                                                                                           |

|                                        |                                                                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NUMBER OF INPUTS<br/>(DIGITAL)</b>  | 8                                                                                                                                            |
| <b>NUMBER OF OUTPUTS<br/>(ANALOG)</b>  | 0                                                                                                                                            |
| <b>NUMBER OF OUTPUTS<br/>(DIGITAL)</b> | 4                                                                                                                                            |
| <b>OUTPUT</b>                          | Relay outputs in groups of<br>1<br>4 Relay Outputs<br>> 500 mA (Relay outputs,<br>Recommended for load:<br>12 V AC/DC)<br>Voltage<br>Current |
| <b>PARALLEL SWITCHING</b>              | Not permitted                                                                                                                                |

## Safety

### EXPLOSION SAFETY CATEGORY FOR DUST

None

### EXPLOSION SAFETY CATEGORY FOR GAS

None

### POTENTIAL ISOLATION

Between Digital inputs  
115/230 V AC and Power  
supply: no  
Between Relay outputs  
and expansion devices:  
yes  
Between Digital inputs  
115/230 V AC: no  
Between Relay outputs  
and Inputs: yes  
Between Digital inputs  
115/230 V AC and base  
unit: yes  
Between Digital inputs  
115/230 V AC and  
Outputs: yes  
Between Digital inputs  
115/230 V AC and  
Ethernet: yes  
Between Relay outputs  
and Ethernet: yes  
Basic isolation: 600 V AC  
(Relay outputs)  
Between Digital inputs  
115/230 V AC and  
expansion devices: yes  
Safe isolation according to  
EN 50178: 300 V AC (Relay  
outputs)  
Between Relay outputs:  
yes  
Between Digital inputs  
115/230 V AC and Memory  
card: no  
Between Relay outputs  
and Power supply: yes  
Between Digital inputs  
115/230 V AC and  
Interface: yes

### PROTECTION AGAINST POLARITY REVERSAL

Yes, for supply voltage  
(Siemens MPI optional)

### SAFE ISOLATION

300 V AC, Between two  
contacts, According to EN  
50178  
300 V AC, Between coil  
and contact, According to  
EN 50178

## Short-circuit rating

### SHORT-CIRCUIT PROTECTION

$\geq 1\text{ A (T)}$ , Fuse, Power  
supply

## Terminal capacities

|                          |                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>SCREWDRIVER SIZE</b>  | 3.5 x 0.8 mm, Terminal screw                                                                                   |
| <b>TERMINAL CAPACITY</b> | 0.2 - 4 mm <sup>2</sup> (AWG 22 - 12), solid<br>0.2 - 2.5 mm <sup>2</sup> (22 - 12 AWG), flexible with ferrule |
| <b>TIGHTENING TORQUE</b> | 0.6 Nm, Screw terminals                                                                                        |

## Resources

|                            |                                                                                                                                                                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APPLICATION NOTES          | <a href="#">eaton-easye4-aws-ap050027-en-us.pdf</a>                                                                                                                                                                                                                                     |
| CATALOGUES                 | <a href="#">eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf</a>                                                                                                                                                                                                  |
| CHARACTERISTIC CURVE       | <a href="#">eaton-electrical-timers-easy-control-relays-characteristic-curve-002.eps</a>                                                                                                                                                                                                |
| DECLARATIONS OF CONFORMITY | <a href="#">eaton-control-relay-declaration-of-conformity-eu250648en.pdf</a><br><a href="#">eaton-control-relay-declaration-of-conformity-uk251131en.pdf</a>                                                                                                                            |
| DRAWINGS                   | <a href="#">eaton-modular-plc-starter-kit-dimensions.eps</a><br><a href="#">eaton-modular-plc-easy-control-relays-3d-drawing.eps</a>                                                                                                                                                    |
| ECAD MODEL                 | <a href="#">ETN.EASY-E4-AC-12-RC1</a>                                                                                                                                                                                                                                                   |
| INSTALLATION INSTRUCTIONS  | <a href="#">eaton-easye4-base-programmable-control-relays-il050020zu.pdf</a>                                                                                                                                                                                                            |
| INSTALLATION VIDEOS        | <a href="#">Control relay easyE4: The new generation</a><br><a href="#">Video easy E4 control relay</a>                                                                                                                                                                                 |
| MANUALS AND USER GUIDES    | <a href="#">eaton-easye-rtd-advanced-training-gh138-mn050015en-us.pdf</a><br><a href="#">eaton-easye-easysoft-training-gh135-mn050014en-us.pdf</a>                                                                                                                                      |
| MCAD MODEL                 | <a href="#">eaton-logic-modules-mcad-drawings-uc-12rc1.dwg</a><br><a href="#">DA-CS-uc_12rc1</a>                                                                                                                                                                                        |
| MULTIMEDIA                 | <a href="#">How to process ModbusRTU devices with the EASY-COM-RTU-M1 module on an easyE4?</a><br><a href="#">easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator</a><br><a href="#">How to connect the Remote Touch Display EASY-RTD to the easyE4?</a> |

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[Handling of the data logger as a ring buffer with the easyE4 using the ST programming language.](#)

[How to process SmartWire-DT modules using the EASY-COM-SWD-C1 module connected to an easyE4?](#)

[How to connect the easyE4 to the touch panel XV-102 for easy? - 5 Steps](#)

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PRODUCT NOTIFICATIONS

[MZ049014EN](#)

SALES NOTES

[eaton-easy-remote-touch-display-flyer-fl048004en-en-us.pdf](#)

[eaton-control-relay-easye4-flyer-fl050007en-en-us.pdf](#)

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PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:

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