

# Specifications

Photo is representative

## Eaton 248396

Z-MS-4,0/2. Motor-Protective Circuit-Breakers, 2,5-4A, 2p

### General specifications

|                             |                          |
|-----------------------------|--------------------------|
| <b>PRODUCT NAME</b>         | Eaton Distribution parts |
| <b>CATALOG NUMBER</b>       | 248396                   |
| <b>MODEL CODE</b>           | Z-MS-4,0/2               |
| <b>EAN</b>                  | 4015082483968            |
| <b>PRODUCT LENGTH/DEPTH</b> | 80 mm                    |
| <b>PRODUCT HEIGHT</b>       | 75 mm                    |
| <b>PRODUCT WIDTH</b>        | 36 mm                    |
| <b>PRODUCT WEIGHT</b>       | 0.244 kg                 |
| <b>COMPLIANCES</b>          | RoHS conform             |
| <b>GLOBAL CATALOG</b>       | 248396                   |

## Product specifications

|                                                                                    |                               |
|------------------------------------------------------------------------------------|-------------------------------|
| <b>ACTUATOR TYPE</b>                                                               | Rocker lever                  |
| <b>SWITCH OFF TECHNIQUE</b>                                                        | Magnetic                      |
| <b>ADJUSTMENT RANGE<br/>SHORT-TERM DELAYED<br/>SHORT-CIRCUIT RELEASE<br/>- MIN</b> | 40 A                          |
| <b>ADJUSTMENT RANGE<br/>UNDELAYED SHORT-<br/>CIRCUIT RELEASE - MAX</b>             | 52 A                          |
| <b>ADJUSTMENT RANGE<br/>UNDELAYED SHORT-<br/>CIRCUIT RELEASE - MIN</b>             | 40 A                          |
| <b>HEAT DISSIPATION PER<br/>POLE, CURRENT-<br/>DEPENDENT</b>                       | 1.95 W                        |
| <b>OVERLOAD RELEASE<br/>CURRENT SETTING - MAX</b>                                  | 4 A                           |
| <b>OVERLOAD RELEASE<br/>CURRENT SETTING - MIN</b>                                  | 2.5 A                         |
| <b>RATED OPERATING<br/>POWER AT AC-3, 230 V</b>                                    | 0 kW                          |
| <b>RATED OPERATING<br/>POWER AT AC-3, 400 V</b>                                    | 1.5 kW                        |
| <b>RATED OPERATING<br/>VOLTAGE (UE) - MAX</b>                                      | 400 V                         |
| <b>RATED OPERATING<br/>VOLTAGE (UE) - MIN</b>                                      | 400 V                         |
| <b>RATED OPERATIONAL<br/>CURRENT FOR SPECIFIED<br/>HEAT DISSIPATION (IN)</b>       | 4 A                           |
| <b>RATED SHORT-CIRCUIT<br/>BREAKING CAPACITY AT<br/>400 V AC</b>                   | 10 kA                         |
| <b>RATED UNINTERRUPTED<br/>CURRENT (IU)</b>                                        | 4 A                           |
| <b>FITTED WITH:</b>                                                                | Thermal protection            |
| <b>DEGREE OF PROTECTION</b>                                                        | IP20                          |
| <b>EQUIPMENT HEAT<br/>DISSIPATION, CURRENT-<br/>DEPENDENT</b>                      | 3.9 W                         |
| <b>DEVICE CONSTRUCTION</b>                                                         | Complete device in<br>housing |
| <b>ELECTRICAL<br/>CONNECTION TYPE OF<br/>MAIN CIRCUIT</b>                          | Screw connection              |
| <b>NUMBER OF POLES</b>                                                             | Two-pole                      |

## Resources

### DECLARATIONS OF CONFORMITY

[DA-DC-03 Z-MS](#)

### DRAWINGS

[eaton-wiring-diagram-  
ms7-2p.jpg](#)

[eaton-dimensions-mas-  
ms7.jpg](#)

[eaton-3d-drawing-diagr-  
ms-40a.jpg](#)

### MCAD MODEL

[eaton-adjustable-non-  
selective-universal-mcb-  
3d-models-z-ms-2p.stp](#)

[eaton-adjustable-non-  
selective-universal-mcb-  
drawings-z-ms-2p.dwg](#)

|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| DATE:           |



**Eaton Corporation plc**  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

© 2025 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

