

# Specifications



## Eaton 248234

Eaton Distribution parts. Fuse switch-disconnector, 63A, 3p, 1 pole 110 VDC, 2 pole 220 VDC

### General specifications

|                      |                          |
|----------------------|--------------------------|
| PRODUCT NAME         | Eaton Distribution parts |
| CATALOG NUMBER       | 248234                   |
| MODEL CODE           | Z-SLS/NEOZ/3             |
| EAN                  | 4015082482343            |
| PRODUCT LENGTH/DEPTH | 88 mm                    |
| PRODUCT HEIGHT       | 77 mm                    |
| PRODUCT WIDTH        | 81 mm                    |
| PRODUCT WEIGHT       | 0.35 kg                  |
| COMPLIANCES          | RoHS conform             |

## Product specifications

|                                                           |                                              |
|-----------------------------------------------------------|----------------------------------------------|
| AMPERAGE RATING                                           | 63 A                                         |
| FRAME                                                     | Standard front dimension:<br>45 mm           |
| POLLUTION DEGREE                                          | 3                                            |
| CREEPAGE RESISTANCE                                       | CTI 600                                      |
| EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT             | 1.5 W                                        |
| RATED OPERATIONAL VOLTAGE (UE) - MAX                      | 400 V                                        |
| RATED SHORT-CIRCUIT MAKING CAPACITY UP TO 690 V, 50/60 HZ | 50 kA                                        |
| RATED UNINTERRUPTED CURRENT (IU)                          | 63 A                                         |
| STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT            | 0 W                                          |
| TERMINALS                                                 | Lift terminals                               |
| VOLTAGE RATING AT AC                                      | 400 V AC                                     |
| NUMBER OF POLES                                           | Three-pole                                   |
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP)                    | 6 kV                                         |
| DEGREE OF PROTECTION                                      | IP20                                         |
| SWITCHING CATEGORY                                        | AC 22 B, DC 21 B                             |
| AMBIENT OPERATING TEMPERATURE - MAX                       | 60 °C                                        |
| AMBIENT OPERATING TEMPERATURE - MIN                       | -25 °C                                       |
| CURRENT HEAT LOSS PER CONTACT AT IE                       | 0.5 W                                        |
| ENCLOSURE WIDTH                                           | 86 mm                                        |
| HEAT DISSIPATION CAPACITY                                 | 0 W                                          |
| HEAT DISSIPATION PER CONTACT WITH FUSE LINK AT IE         | 6.6 W                                        |
| HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT              | 0 W                                          |
| CONSTRUCTION SIZE                                         | D02                                          |
| FUNCTIONS                                                 | Fuse switch-disconnector<br>Z-SL.../NEOZ/... |
| OVERVOLTAGE CATEGORY                                      | III<br>IV                                    |
| FUSE CARTRIDGE                                            | D02, D01                                     |

## Resources

|                            |                                                                                                                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DECLARATIONS OF CONFORMITY | <a href="#">eaton-distribution-parts-declaration-of-conformity-eu250205en.pdf</a>                                                                                                        |
| DRAWINGS                   | <a href="#">eaton-dimensions-mas-sls.jpg</a><br><a href="#">eaton-wiring-diagram-sls-cek-3p.jpg</a><br><a href="#">eaton-mcb-dimensions-1220dim-15.eps</a><br><a href="#">1220DRW-18</a> |
| INSTALLATION INSTRUCTIONS  | <a href="#">eaton-fuse-switch-disconnector-z-sls-il019334zu.pdf</a>                                                                                                                      |
| MCAD MODEL                 | <a href="#">eaton-fuse-switch-disconnectors-mcad-drawings-150687.dwg</a><br><a href="#">eaton-150687-3d-model.stp</a>                                                                    |

|                                                                      |                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MOUNTING METHOD</b>                                               | Quick attachment for top-hat rail IEC/EN 60715                                                                                                                                                                                      |
| <b>RATED OPERATION CURRENT (IE)</b>                                  | 63 A                                                                                                                                                                                                                                |
| <b>VOLTAGE RATING</b>                                                | 400 V                                                                                                                                                                                                                               |
| <b>FLAMMABILITY CHARACTERISTICS (UL)</b>                             | V0, glow-wire test 960 °C (UL94)                                                                                                                                                                                                    |
| <b>TYPE</b>                                                          | Fuse material                                                                                                                                                                                                                       |
| <b>SPECIAL FEATURES</b>                                              | <ul style="list-style-type: none"><li>• Standard empty</li><li>• Suitable for fuses, utilisation class gG (gL), aM</li><li>• Current coding through fuse set</li><li>• sealable</li><li>• Infeed possible from both sides</li></ul> |
| <b>MOUNTING WIDTH</b>                                                | 27 mm per pole (1.5 space units)                                                                                                                                                                                                    |
| <b>TERMINAL CAPACITY (SOLID CABLE)</b>                               | 1.5 mm <sup>2</sup> - 35 mm <sup>2</sup>                                                                                                                                                                                            |
| <b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b> | 63 A                                                                                                                                                                                                                                |

|                        |
|------------------------|
| <b>PROJECT NAME:</b>   |
| <b>PROJECT NUMBER:</b> |
| <b>PREPARED BY:</b>    |
| <b>DATE:</b>           |



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