

# Specifications



Photo is representative



## Eaton 276284

Main load disconnect Switch with isolation function, highly wear resistant contacts and classified for the use in rail rolling stock, 240/415 V, 100 A, 3P

### General specifications

|                      |                                      |
|----------------------|--------------------------------------|
| PRODUCT NAME         | Eaton Moeller series IS Disconnecter |
| CATALOG NUMBER       | 276284                               |
| MODEL CODE           | IS-100/3                             |
| EAN                  | 4015082762841                        |
| PRODUCT LENGTH/DEPTH | 60 mm                                |
| PRODUCT HEIGHT       | 80 mm                                |
| PRODUCT WIDTH        | 53.1 mm                              |
| PRODUCT WEIGHT       | 0.314 kg                             |
| COMPLIANCES          | RoHS conform                         |
| GLOBAL CATALOG       | 276284                               |



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## Product specifications

|   |  |
|---|--|
| DEGREE OF PROTECTION  | IP40   |
|   | IP10   |
| TERMINALS   | Lift terminal  |
| IMPRINT/INDICATION  | Symbol "arrows"  |
| LAMP SOCKET   | Other  |
| AMBIENT OPERATING TEMPERATURE - MAX                           | 40 °C  |
| AMBIENT OPERATING TEMPERATURE - MIN                           | -5 °C  |
| BUILT-IN DEPTH  | 69.5 mm  |
| HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT                  | 3.9 W  |
| LAMP POWER  | 0 W  |
| NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)                     | 0  |
| NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)                 | 0  |
| AMPERAGE RATING   | 100 A  |
| COLOR CALOTTE   | Other  |
| SWITCH TYPE   | Other<br>Off switch  |
| RATED SHORT-TIME WITHSTAND CURRENT (ICW)                      | 2 kA   |
| VOLTAGE TYPE  | AC   |
| LAMP TYPE   | Other  |
| TYPE  | IS. Main load disconnect switch                                |
| APPLICATION   | Switchgear for industrial and advanced commercial applications |
| NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)                   | 3  |
| RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) | 100 A  |
| RATED OPERATIONAL VOLTAGE (UE) - MAX                          | 415 V  |
| RATED SWITCHING CAPACITY                                      | 10 kA  |
| VOLTAGE RATING - MIN  | 240 V  |

## Resources

**DRAWINGS** [eaton-dimensions-mas-is.jpg](#)

[1221172](#)

**ECAD MODEL** [ETN.IS-100\\_3.edz](#)

**WIRING DIAGRAMS** [IS\\_3P](#)

|  |            |
|--|------------|
| <b>WIDTH IN NUMBER OF MODULAR SPACINGS</b> | 3          |
| <b>NUMBER OF POLES</b>                     | Three-pole |

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



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