

Main switch, 240/415 V AC, 80A, 2-poles



**Part no.** IS-80/2  
**276279**  
**EL Number** 1460853  
**(Norway)**

| General specifications   |  |  |
|--|--|--|
| Product name   |  | Eaton Moeller series IS Disconnecter                           |
| Part no.   |  | IS-80/2  |
| EAN  |  | 4015082762797  |
| Product Length/Depth   |  | 80 millimetre  |
| Product height   |  | 76 millimetre  |
| Product width  |  | 35 millimetre  |
| Product weight   |  | 0.207 kilogram   |
| Compliances  |  | RoHS conform   |
| Certifications   |  | EN45545-2<br>IEC 61373   |
| Product Tradename  |  | IS   |
| Product Type   |  | Disconnecter   |
| Product Sub Type   |  | None   |
| Product Specification Details  |  |  |
| Ambient operating temperature - max  |  | 40 °C  |
| Ambient operating temperature - min  |  | -5 °C  |
| Amperage rating  |  | 80 A   |
| Application  |  | Switchgear for industrial and advanced commercial applications |
| Built-in depth   |  | 69.5 mm  |
| Color calotte  |  | Other  |
| Degree of protection   |  | IP40   |
| EL number  |  | 1460853  |
| Equipment heat dissipation, current-dependent                              |  | 5.4 W  |
| Heat dissipation capacity  |  | 0 W  |
| Heat dissipation per pole, current-dependent                               |  | 2.6 W  |
| Imprint/indication   |  | Symbol "arrows"  |
| Lamp power   |  | 0 W  |
| Lamp socket  |  | Other  |
| Lamp type  |  | Other  |
| Number of contacts (change-over contacts)                                  |  | 0  |
| Number of contacts (normally closed contacts)                              |  | 2  |
| Number of contacts (normally open contacts)                                |  | 2  |
| Number of poles  |  | Two-pole   |
| Rated operational current for specified heat dissipation (I <sub>n</sub> ) |  | 80 A   |
| Rated operational voltage (U <sub>e</sub> ) - max                          |  | 415 V  |
| Rated short-time withstand current (I <sub>cw</sub> )                      |  | 2 kA   |
| Rated switching capacity   |  | 12.5 kA  |
| Static heat dissipation, non-current-dependent                             |  | 0 W  |
| Switch type  |  | Other  |
| Type   |  | IS. Main load disconnecter switch                              |
| Voltage rating - min   |  | 240 V  |
| Voltage type   |  | AC   |
| Width in number of modular spacings  |  | 2  |

**Technical data ETIM 9.0**

Devices for distribution board-/surface mounting (EG000062) / Main switch for distribution board (EC001545)

|   |  |    |                 |
|---|--|----|-----------------|
| Switching function                            |  |    | Other           |
| Number of contacts as normally open contact   |  |    | 2               |
| Number of contacts as normally closed contact |  |    | 2               |
| Number of contacts as change-over contact     |  |    | 0               |
| Number of poles                               |  |    | 2               |
| Rated current                                 |  | A  | 80              |
| Rated voltage                                 |  | V  | 415             |
| Min. rated voltage                            |  | V  | 240             |
| Rated switching capacity                      |  | kA | 12.5            |
| Short-circuit breaking capacity (Icw)         |  | kA | 2               |
| Voltage type                                  |  |    | AC              |
| With signal lamp                              |  |    | No              |
| Colour calotte                                |  |    | Other           |
| Lamp type                                     |  |    | Other           |
| Lamp socket                                   |  |    | Other           |
| Max. lamp power                               |  | W  | 0               |
| Width in number of modular spacings           |  |    | 2               |
| Built-in depth                                |  | mm | 69.5            |
| Degree of protection (IP)                     |  |    | IP40            |
| Imprint/indication                            |  |    | Symbol "arrows" |
| Forced segregation according to DIN VDE 0113  |  |    | No              |