

Main switch, 240/415 V AC, 40A, 1-poles



Part no. IS-40/1  
276270  
EL Number 1460821  
(Norway)

|                                                                            |  |                                                                |
|----------------------------------------------------------------------------|--|----------------------------------------------------------------|
| General specifications                                                     |  |                                                                |
| Product name                                                               |  | Eaton Moeller series IS Disconnecter                           |
| Part no.                                                                   |  | IS-40/1                                                        |
| EAN                                                                        |  | 4015082762704                                                  |
| Product Length/Depth                                                       |  | 80 millimetre                                                  |
| Product height                                                             |  | 76 millimetre                                                  |
| Product width                                                              |  | 17.5 millimetre                                                |
| Product weight                                                             |  | 0.1 kilogram                                                   |
| Compliances                                                                |  | RoHS conform                                                   |
| Certifications                                                             |  | IEC 61373<br>EN45545-2                                         |
| 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                                                            |  | 40 A                                                           |
| Application                                                                |  | Switchgear for industrial and advanced commercial applications |
| Built-in depth                                                             |  | 69.5 mm                                                        |
| Color calotte                                                              |  | Other                                                          |
| Degree of protection                                                       |  | IP40                                                           |
| EL number                                                                  |  | 1460821                                                        |
| Equipment heat dissipation, current-dependent                              |  | 0.7 W                                                          |
| Heat dissipation capacity                                                  |  | 0 W                                                            |
| Heat dissipation per pole, current-dependent                               |  | 1.9 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)                              |  | 1                                                              |
| Number of contacts (normally open contacts)                                |  | 1                                                              |
| Number of poles                                                            |  | Single-pole                                                    |
| Rated operational current for specified heat dissipation (I <sub>n</sub> ) |  | 40 A                                                           |
| Rated operational voltage (U <sub>e</sub> ) - max                          |  | 240 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                                        |  | 1                                                              |

Technical data ETIM 9.0

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

|                                                                                                                                                                                                                                              |  |    |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|-----------------|
| Electric engineering, automation, process control engineering / Electrical installation, device / Modular serial built-in device for electrical circuit distributors / Main switch for distribution board (ecI@ss13-27-14-23-01 [AFZ813019]) |  |    |                 |
| Switching function                                                                                                                                                                                                                           |  |    | Other           |
| Number of contacts as normally open contact                                                                                                                                                                                                  |  |    | 1               |
| Number of contacts as normally closed contact                                                                                                                                                                                                |  |    | 1               |
| Number of contacts as change-over contact                                                                                                                                                                                                    |  |    | 0               |
| Number of poles                                                                                                                                                                                                                              |  |    | 1               |
| Rated current                                                                                                                                                                                                                                |  | A  | 40              |
| Rated voltage                                                                                                                                                                                                                                |  | V  | 240             |
| 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                                                                                                                                                                                                          |  |    | 1               |
| Built-in depth                                                                                                                                                                                                                               |  | mm | 69.5            |
| Degree of protection (IP)                                                                                                                                                                                                                    |  |    | IP40            |
| Imprint/indication                                                                                                                                                                                                                           |  |    | Symbol "arrows" |
| Forced segregation according to DIN VDE 0113                                                                                                                                                                                                 |  |    | No              |