



PRODUCT-DETAILS

# EOT100U3M3-P

## EOT100U3M3-P Enclosed Disconnect Switch



| General Information   |                                                                                                                                                                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | EOT100U3M3-P                                                                                                                                                                                                                                   |
| Product ID            | 1SCA022824R0230                                                                                                                                                                                                                                |
| EAN                   | 6417019282558                                                                                                                                                                                                                                  |
| Catalog Description   | EOT100U3M3-P Enclosed Disconnect Switch                                                                                                                                                                                                        |
| Long Description      | Enclosed Switch Disconnecter, 3-p. Max. Horse power rating at three phase 480V 50HP. General purpose current rating 100A. Steel sheet enclosure, NEMA Type 3R Rainproof, 12 Indoor, Pistol handle. Interlocked cover. Defeatable interlocking. |

| Popular Downloads                 |                    |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | 1SCC340016C0201    |
| Instructions and Manuals          | 1SCC340019M0202    |
| Mechanical Drawings               | EOTK3292113PBL.igs |

### Environmental

|                      |                        |
|----------------------|------------------------|
| Degree of Protection | acc. to IEC 60529 IP54 |
| Pollution Degree     | 3                      |

## Ordering

|                        |             |
|------------------------|-------------|
| Minimum Order Quantity | 1 piece     |
| Customs Tariff Number  | 85363030    |
| Country of Origin      | Mexico (MX) |

## Dimensions

|                               |                     |
|-------------------------------|---------------------|
| Product Net Width             | 210.3 mm<br>8.28 in |
| Product Net Height            | 292.1 mm<br>11.5 in |
| Product Net Depth /<br>Length | 133.1 mm<br>5.24 in |
| Product Net Weight            | 4.1 kg<br>9.04 lb   |

## Container Information

|                                   |                   |
|-----------------------------------|-------------------|
| Package Level 1 Units             | 1 piece           |
| Package Level 1 Width             | 242 mm            |
| Package Level 1 Depth /<br>Length | 303 mm            |
| Package Level 1 Height            | 192 mm            |
| Package Level 1 Gross<br>Weight   | 4.1 kg<br>9.04 lb |
| Package Level 1 EAN               | 6417019282558     |

## Technical

|                                                       |                                                          |
|-------------------------------------------------------|----------------------------------------------------------|
| Cable Entry Position                                  | Up/Down                                                  |
| Cable Outlets Per Side                                | Blank / Blank                                            |
| Connecting Capacity                                   | Screw Clamp 10 ... 70 mm <sup>2</sup>                    |
| Main Circuit                                          | Screw Clamp / PE Terminal 1pcs, 4 ... 25 mm <sup>2</sup> |
| Conventional Thermal<br>Current (I <sub>the</sub> )   | 45 A                                                     |
| Degree of Protection                                  | acc. to IEC 60529 IP54                                   |
| Enclosure Material                                    | Steel sheet                                              |
| Enclosure Type                                        | NEMA Type 3R Rainproof                                   |
| Handle Color                                          | Black                                                    |
| Handle Type                                           | Pistol handle                                            |
| Mechanical Durability                                 | 20000                                                    |
| Mounted Auxiliary<br>Contacts                         | 0 NO, 0 NC                                               |
| Number of Poles                                       | 3P                                                       |
| Pollution Degree                                      | 3                                                        |
| Position of Line<br>Terminals                         | Top In - Bottom Out                                      |
| Rated Insulation Voltage<br>(U <sub>i</sub> )         | acc. to IEC/EN 60664-1 750 V                             |
| Rated Operational<br>Current AC-22A (I <sub>e</sub> ) | (380 ... 415 V) 100 A<br>(690 V) 100 A                   |

|                                                                   |                                     |
|-------------------------------------------------------------------|-------------------------------------|
| Rated Operational Current AC-23A (I <sub>e</sub> )                | (690 V) 80 A<br>(690 V) 380415V40 A |
| Rated Short-Circuit Making Capacity (I <sub>cm</sub> )            | (690 V AC) 3.6 kA                   |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> ) | for 1 s 2.5 kA                      |
| Standards                                                         | IEC 60947-1, -3 / UL 98             |
| Terminal Type                                                     | Screw Terminals                     |
| Tightening Torque                                                 | acc. IEC 60947-1 6.2 N·m            |

**Technical UL/CSA**

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| Maximum Operating Voltage UL/CSA | 600 V                                                                        |
| Ampere Rating                    | 100 A                                                                        |
| Horsepower Rating UL/CSA         | (220 ... 240 V AC) Three Phase 30 Hp<br>(480 V AC) 50 Hp<br>(600 V AC) 50 Hp |
| Tightening Torque                | acc. IEC 60947-1 6.2 N·m                                                     |
| Tightening Torque UL/CSA         | Main Circuit 55 in·lb                                                        |

**Certificates and Declarations**

|                                |                |
|--------------------------------|----------------|
| Declaration of Conformity - CE | 1CC340035D2701 |
|--------------------------------|----------------|

**External Classifications and Standards**

|                                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| Object Classification Code         | Q                                                          |
| ETIM 8                             | EC000216 - Switch disconnect                               |
| ETIM 9                             | EC000216 - Switch disconnect (low voltage)                 |
| UNSPSC                             | 39122233                                                   |
| IDEA Granular Category Code (IGCC) | 5293 >> Switch disconnect                                  |
| eClass                             | V11.1 : 27371403                                           |
| WEEE Category                      | 5. Small Equipment (No External Dimension More Than 50 cm) |

**Categories**

Low Voltage Products and Systems → Enclosed Switches → Enclosed Disconnect Switches

