

## PRODUCT-DETAILS

# OT800ETRR6AZ

## OT800ETRR6AZ EMC safety switch



### General Information

|                       |                                |
|-----------------------|--------------------------------|
| Extended Product Type | OT800ETRR6AZ                   |
| Product ID            | 1SCA022828R2820                |
| EAN                   | 6417019285634                  |
| Catalog Description   | OT800ETRR6AZ EMC safety switch |

### Long Description

The enclosed switch is using a galvanised steel enclosure, with polyester coating. It is suitable for outdoor use with respect to UV light and ingress protection. The enclosure have inbuilt gas pressure relief function to protect the user in case of an internal arc. The door is earthed via the hinges. The enclosure is prepared for single and parallel cables. Cable entry types can be blank , ring-flange or C-flange type (FL21), with different cable configuration, like top/bottom or bottom/bottom. The handle is padlockable for 3 padlocks, cover is interlocked, and interlock function can be bypassed for thermographing.

### Ordering

|                        |              |
|------------------------|--------------|
| Minimum Order Quantity | 1 piece      |
| Customs Tariff Number  | 85363090     |
| Country of Origin      | Finland (FI) |

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC340015C0201 |
|-----------------------------------|-----------------|

Instructions and Manuals

1SCC340005M0007

Mechanical Drawings

OTKM108023P8R.stp

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 800 mm  |
| Product Net Height         | 1000 mm |
| Product Net Depth / Length | 230 mm  |
| Product Net Weight         | 49.8 kg |

## Technical

|                                                     |                                                                                   |
|-----------------------------------------------------|-----------------------------------------------------------------------------------|
| Rated Operational Current<br>AC-22A ( $I_e$ )       | (380 ... 415 V) 720 A<br>(500 V) 720 A<br>(690 V) 720 A                           |
| Rated Operational Current<br>AC-23A ( $I_e$ )       | (380 ... 415 V) 720 A<br>(500 V) 720 A<br>(690 V) 720 A                           |
| Rated Operational Power<br>AC-23A ( $P_e$ )         | (380 ... 415 V) 400 kW<br>(500 V) 500 kW<br>(690 V) 710 kW                        |
| Conventional Thermal<br>Current ( $I_{the}$ )       | Fully Enclosed 720 A                                                              |
| Rated Insulation Voltage<br>( $U_i$ )               | acc. to IEC/EN 60664-1 1000 V                                                     |
| Rated Operational Voltage                           | Main Circuit 1000 V                                                               |
| Rated Short-Circuit<br>Making Capacity ( $I_{cm}$ ) | (1000 V AC) 80 kA                                                                 |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )  | for 1 s 20 kA                                                                     |
| Power Loss                                          | at Rated Operating Conditions per Pole 40 W                                       |
| Pollution Degree                                    | 3                                                                                 |
| Handle Color                                        | Red / Yellow                                                                      |
| Handle Type                                         | Pistol handle                                                                     |
| Standards                                           | IEC 60947-1, -3                                                                   |
| Special Functions                                   | EMC                                                                               |
| Number of Poles                                     | 6                                                                                 |
| Connecting Capacity Main<br>Circuit                 | Hole Diameter 12 mm<br>Screw Clamp / PE Terminal 16pcs, 25...120 mm <sup>2</sup>  |
| Cable Entry Position                                | Up/Down                                                                           |
| Cable Outlets Per Side                              | 8xring-flange / 8xring-flange, Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm |
| Degree of Protection                                | acc. to IEC 60529 IP65                                                            |
| Enclosure Material                                  | Steel sheet                                                                       |
| Maximum Mounted<br>Auxiliary Contacts               | 4 NO, 4 NC                                                                        |
| Mounted Auxiliary<br>Contacts                       | 4 NO, 2 NC                                                                        |

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## Environmental

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RoHS Status

Following EU Directive 2011/65/EU

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## Certificates and Declarations (Document Number)

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|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 1SCC340042D2703 |
| Instructions and Manuals          | 1SCC340005M0007 |
| RoHS Information                  | 1SCC340049D0202 |

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## Container Information

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|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 815 mm        |
| Package Level 1 Depth /<br>Length | 1310 mm       |
| Package Level 1 Height            | 425 mm        |
| Package Level 1 Gross<br>Weight   | 54 kg         |
| Package Level 1 EAN               | 6417019285634 |

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## Classifications

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|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| Object Classification Code | Q                                                           |
| ETIM 5                     | EC000216 - Switch disconnecter                              |
| ETIM 6                     | EC000216 - Switch disconnecter                              |
| ETIM 7                     | EC000216 - Switch disconnecter                              |
| WEEE Category              | 4. Large Equipment (Any External Dimension More Than 50 cm) |

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## Categories

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

