

PRODUCT-DETAILS

# OT125F3

## OT125F3 SWITCH-DISCONNECTOR



### Informations générales

|                              |   |
|------------------------------|---|
| Extension du type de produit | OT125F3   |
| Code de produit              | 1SCA105033R1001   |
| EAN                          | 6417019391632   |
| Description courte           | OT125F3 SWITCH-DISCONNECTOR   |
| Description longue           | 3-pole, front operated, base mounted, DIN-rail mountable switch-d disconnect switch with front protected clamp terminals, handle and shaft are not included |

### Valeur Circulaire

|   |                 |
|---|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| Informations environnementales              | 1SCC301264D0201 |
| Environmental Product Declaration - EPD     | 1SCC301280D0201 |
| REACH Declaration                           | 1SCC011021D0201 |
| Informations RoHS                           | 1SCC011020D0201 |
| Toxic Substances Control Act - TSCA         | 1SCC011025D0201 |

### Eco Transparence

Environmental Product  
Declaration - EPD

1SCC301280D0201

---

**Commande**

---

|                  |              |
|------------------|--------------|
| Quantité minimum | 10 pièce     |
| Code douanier    | 85365080     |
| Pays d'origine   | Finland (FI) |

---

**Downloads Préférés**

---

|   |   |
|---|---|
| Fiche produit, informations techniques  | 1SCC301020C0201                                       |
| Instructions et manuels                 | 1SCC301058M0008                                       |
| Mechanical Drawings                     | 1SCC301466F0001<br>1SCC301465F0001<br>OT100-125F3.igs |
| Environmental Product Declaration - EPD | 1SCC301280D0201                                       |

---

**Dimensions**

---

|                      |         |
|----------------------|---------|
| Produit Largeur Net  | 70 mm   |
| Produit Hauteur Net  | 100 mm  |
| Produit Longueur Net | 74 mm   |
| Poids net            | 0.36 kg |

---

**Technique**

---

|  |  |
|--|--|
| Rated Operational Current AC-21A ( $I_e$ )                 | (380 ... 415 V) 125 A<br>(500 V) 125 A<br>(690 V) 125 A                          |
| Rated Operational Current AC-22A ( $I_e$ )                 | (380 ... 415 V) 125 A<br>(500 V) 125 A<br>(690 V) 125 A                          |
| Rated Operational Current AC-23A ( $I_e$ )                 | (380 ... 415 V) 90 A<br>(500 V) 70 A<br>(690 V) 50 A                             |
| Rated Operational Power AC-23A ( $P_e$ )                   | (220 ... 240 V) 22 kW<br>(400 ... 415 V) 45 kW<br>(500 V) 45 kW<br>(690 V) 45 kW |
| Courant thermique conventionnel à l'air libre ( $I_{th}$ ) | $\Theta = 40$ °C 125 A   |
| Conventional Thermal Current ( $I_{the}$ )                 | Fully Enclosed 125 A   |
| Tension assignée de tenue aux chocs ( $U_{imp}$ )          | 8 kV   |
| Tension assignée d'isolement ( $U_i$ )                     | acc. to IEC/EN 60664-1 750 V   |
| Tension  | Circuit principal 750 V  |
| Rated Short-Circuit Making Capacity ( $I_{cm}$ )           | (690 V) 3.6 kA   |
| Courant assigné de courte durée admissible ( $I_{cw}$ )    | for 1 s 2.5 kA   |
| Rated Conditional Short-                                   | (125 A fuse, 415 V) 50 kA<br>(125 A fuse, 690 V) 10 kA                           |

|                              |  |
|------------------------------|--|
| Circuit Current ( $I_{nc}$ ) | (63 A fuse, 690 V) 50 kA                     |
| Power Loss                   | at Rated Operating Conditions per Pole 6.3 W |
| Degré de pollution           | 3  |
| Handle Type                  | Knob<br>Handle and shaft not included        |
| Switches Operating Mechanism | Mechanism on Top of the Switch               |
| Distance Between Phases      | Standard                                     |
| Position of Line Terminals   | Top In - Bottom Out<br>Bottom In - Top Out   |
| Mode de fonctionnement       | Front operated                               |
| Normes et standards          | IEC 60947-3                                  |
| Fonctions spéciales          | No   |
| Type de montage              | Base mounting                                |
| Nombre de pôles              | 3  |
| Section de câble             | Cu 10 ... 70 mm <sup>2</sup>                 |
| Indice de protection         | Front IP20                                   |
| Type de borne                | Screw Terminals                              |
| Couple de serrage            | acc. IEC 60947-1 6 N·m                       |
| Durabilité mécanique         | 20000  |
| Lock Type                    | No   |

### Technique UL/CSA

|                                  |  |
|----------------------------------|--|
| Maximum Operating Voltage UL/CSA | 600 V  |
| Ampere Rating                    | 100 A  |
| Puissance nominale UL/CSA        | (acc. to UL 200 V) 25 Hp<br>(acc. to UL 480 V) 50 Hp<br>(acc. to UL 240 V) 30 Hp<br>(acc. to UL 208 V) 25 Hp<br>(acc. to UL 600 V) 50 Hp |
| Couple de serrage                | acc. IEC 60947-1 6 N·m   |

### Environnement

|                                     |  |
|-------------------------------------|--|
| Statut RoHS                         | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Informations environnementales      | 1SCC301264D0201  |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201  |

### Certificats et Déclarations (Numéro de document)

|                                |                            |
|--------------------------------|----------------------------|
| Certificat ATEX                | No certification needed    |
| Déclaration de Conformité - CE | 1SCC301168D2702            |
| REACH Declaration              | 1SCC011021D0201            |
| Certificat UL                  | cULus certificate OT30-125 |
| VDE Certificate                | No certification needed    |

### Emballage

|                           |             |
|---------------------------|-------------|
| Emballage Niveau 1 Unités | box 1 pièce |
|---------------------------|-------------|

|                                |               |
|--------------------------------|---------------|
| Emballage Niveau 1<br>Largeur  | 81 mm         |
| Emballage Niveau 1<br>Longueur | 112 mm        |
| Emballage Niveau 1<br>Hauteur  | 86 mm         |
| Emballage Niveau 1 Poids       | 0.39 kg       |
| Emballage Niveau 1 EAN         | 6417019391632 |

## Classifications

|   |  |
|---|--|
| Code de classification<br>d'objet           | Q  |
| ETIM 7                                      | EC000216 - Switch disconnector                             |
| ETIM 8                                      | EC000216 - Switch disconnector                             |
| ETIM 9                                      | EC000216 - Switch disconnector (low voltage)               |
| UNSPSC                                      | 39122233   |
| Code de catégorie<br>granulaire IDEA (IGCC) | 5290 >> Disconnect switch                                  |
| eClass                                      | V11.1 : 27371403   |
| Catégorie DEEE                              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland)                          | 3601409  |
| E-Number (Sweden)                           | 3170943  |

## Catégories

Produits basse tension → Interrupteurs → Interrupteurs-sectionneurs

