

PRODUCT-DETAILS

# OT80F3

## OT80F3 SWITCH-DISCONNECTOR



### Informations générales

Extension du type de produit	OT80F3
Code de produit	1SCA105798R1001
EAN	6417019397016
Description courte	OT80F3 SWITCH-DISCONNECTOR
Description longue	3-pole, front operated, base mounted, DIN-rail mountable switch-d disconnect switch with protected clamp terminals, handle and shaft are not included

### Valeur Circulaire

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Informations environnementales	1SCC301263D0201
Environmental Product Declaration - EPD	1SCC301279D0201
REACH Declaration	1SCC011021D0201
Informations RoHS	1SCC011020D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

### Eco Transparence

Environmental Product  
Declaration - EPD

1SCC301279D0201

---

**Commande**

---

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

---

**Downloads Préférés**

---

Fiche produit, informations techniques	1SCC301020C0201
Instructions et manuels	1SCC301064M0212
Mechanical Drawings	1SCC301450F0001 1SCC301449F0001 OT63-80F3.stp OT63-80F3.igs
Environmental Product Declaration - EPD	1SCC301279D0201

---

**Dimensions**

---

Produit Largeur Net	52.5 mm
Produit Hauteur Net	91.5 mm
Produit Longueur Net	72.5 mm
Poids net	0.25 kg

---

**Technique**

---

Rated Operational Current AC-21A ( $I_e$ )	(380 ... 415 V) 80 A (500 V) 80 A (690 V) 80 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 80 A (500 V) 80 A (690 V) 80 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 75 A (500 V) 58 A (690 V) 20 A
Rated Operational Power AC-23A ( $P_e$ )	(220 ... 240 V) 22 kW (400 ... 415 V) 37 kW (500 V) 37 kW (690 V) 18.5 kW
Courant thermique conventionnel à l'air libre ( $I_{th}$ )	$\Theta = 40\text{ °C}$ 80 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 80 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) 2.1 kA
Courant assigné de courte durée admissible ( $I_{cw}$ )	for 1 s 1.5 kA
Rated Conditional Short-	(100 A fuse, $\leq 415\text{ V}$ ) 50 kA

Circuit Current ( $I_{nc}$ )	(100 A fuse, 500 V) 100 kA (80 A fuse, 690 V) 50 kA
Power Loss	at Rated Operating Conditions per Pole 4.5 W
Degré de pollution	3
Handle Type	Knob 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 Bottom In - Top Out
Mode de fonctionnement	Front operated
Normes et standards	IEC 60947-3 / UL 508 / CSA C22.2 No. 14
Fonctions spéciales	No
Type de montage	Base mounting
Nombre de pôles	3
Section de câble	Cu 1.5 ... 35 mm <sup>2</sup>
Indice de protection	Front IP20
Type de borne	Screw Terminals
Couple de serrage	acc. IEC 60947-1 2 N·m
Durabilité mécanique	20000
Lock Type	No

## Technique UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Ampere Rating	80 A
Puissance nominale UL/CSA	(110 ... 120 V AC) Single Phase 2 Hp (240 V AC) Single Phase 10 Hp (440 ... 480 V AC) Single Phase 20 Hp (550 ... 600 V AC) Single Phase 20 Hp (220 ... 240 V AC) Three Phase 20 Hp (440 ... 480 V AC) Three Phase 40 Hp (550 ... 600 V AC) Three Phase 40 Hp
Couple de serrage	acc. IEC 60947-1 2 N·m
Tightening Torque UL/CSA	18 in·lb

## Environnement

Statut RoHS	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Informations environnementales	1SCC301263D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

## Certificats et Déclarations (Numéro de document)

Certificat ATEX	No certification needed
Déclaration de Conformité - CE	1SCC301167D2704
REACH Declaration	1SCC011021D0201
Certificat UL	cULus certificate OT16-80
VDE Certificate	No certification needed

## Emballage

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Largeur	84 mm
Emballage Niveau 1 Longueur	103 mm
Emballage Niveau 1 Hauteur	64 mm
Emballage Niveau 1 Poids	0.27 kg
Emballage Niveau 1 EAN	6417019397016

## Classifications

Code de classification 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 granulaire IDÉA (IGCC)	5290 >> Disconnect switch
eClass	V11.1 : 27371403
Catégorie DEEE	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601458
E-Number (Sweden)	3170941

## Catégories

Produits basse tension → Interrupteurs → Interrupteurs-sectionneurs

