



PRODUCT-DETAILS

# OT80F3/B50

## OT80F3/B50 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT80F3/B50
Product ID	1SCA126086R1001
EAN	6417019560854
Catalog Description	OT80F3/B50 SWITCH-DISCONNECTOR
Long Description	OT80F3/B50 SWITCH-DISCONNECTOR

Eco Transparency	
Environmental Product Declaration - EPD	1SCC301279D0201

Environmental	
Environmental Information	1SCC301263D0201

## Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	1SCC011025D0201

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

## Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301064M0212
Mechanical Drawings	1SCC301450F0001 1SCC301449F0001 OT63-80F3.stp OT63-80F3.igs
Environmental Product Declaration - EPD	1SCC301279D0201

## Dimensions

Product Net Width	52.5 mm
Product Net Height	91.5 mm
Product Net Depth / Length	72.5 mm
Product Net Weight	13 kg

## Technical

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
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 80 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 750 V

Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(690 V) 2.1 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 1.5 kA
Power Loss	at Rated Operating Conditions per Pole 4.5 W
Pollution Degree	3
Handle Type	Knob Handle and shaft not included
Standards	IEC 60947-3 / UL 508 / CSA C22.2 No. 14
Number of Poles	3
Cable Cross-Section	Cu 1.5 ... 35 mm <sup>2</sup>
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 2 N·m
Mechanical Durability	20000
Lock Type	No

### Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Ampere Rating	80 A
Horsepower Rating 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
Tightening Torque	acc. IEC 60947-1 2 N·m

### Certificates and Declarations

A2L Certificate – IEC	1SCC301335D0201
Declaration of Conformity - CE	1SCC301167D2704
UL Certificate	cULus certificate OT16-80

### Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	275 mm
Package Level 1 Depth / Length	433 mm
Package Level 1 Height	160 mm
Package Level 1 Gross Weight	13.4 kg
Package Level 1 EAN	6417019560854

### Classifications

Object Classification Code	Q
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ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5290 >> Disconnect switch
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601459

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## Categories

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Low Voltage Products and Systems → Switches → Switch Disconnectors



360°