



PRODUCT-DETAILS

# OT30F3

## OT30F3 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT30F3
Product ID	1SCA105068R1001
EAN	6417019391984
Catalog Description	OT30F3 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted, DIN-rail mountable switch-d disconnect switch with front protected clamp terminals, handle and shaft are not included

Circular Value	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Environmental Information	1SCC301183D0201
Environmental Product Declaration - EPD	1SCC301280D0201
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

<b>Eco Transparency</b>	
Environmental Product Declaration - EPD	1SCC301280D0201

<b>Ordering</b>	
Minimum Order Quantity	10 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

<b>Popular Downloads</b>	
Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301060M0004
Mechanical Drawings	1SCC307713F0001 1SCC307712F0001 OT30-60F3.stp OT30-60F3.igs
Environmental Product Declaration - EPD	1SCC301280D0201

<b>Dimensions</b>	
Product Net Width	70 mm
Product Net Height	100 mm
Product Net Depth / Length	74 mm
Product Net Weight	0.36 kg

<b>Technical</b>	
Rated Operational Current AC-21A ( $I_e$ )	(380 ... 415 V) 40 A (500 V) 40 A (690 V) 40 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 40 A (500 V) 40 A (690 V) 40 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 40 A (500 V) 40 A (690 V) 40 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 18.5 kW (500 V) 22 kW (690 V) 37 kW
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) 3.6 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 2.5 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(125 A fuse, 415 V) 50 kA (125 A fuse, 690 V) 10 kA (63 A fuse, 690 V) 50 kA
Power Loss	at Rated Operating Conditions per Pole 0.7 W
Pollution Degree	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
Operating Mode	Front operated
Standards	IEC 60947-3 / UL 98 / CSA C22.2 NO.4
Special Functions	No
Mounting Type	Base mounting
Number of Poles	3
Cable Cross-Section	Cu 2.5 ... 25 mm <sup>2</sup>
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 6.2 N·m
Mechanical Durability	20000
Lock Type	No

### Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Ampere Rating	30 A
Horsepower Rating UL/CSA	(110 ... 120 V AC) Single Phase 2 Hp (240 V AC) Single Phase 5 Hp (220 ... 240 V AC) Three Phase 10 Hp (440 ... 480 V AC) Three Phase 20 Hp (550 ... 600 V AC) Three Phase 30 Hp
Tightening Torque	acc. IEC 60947-1 6.2 N·m
Tightening Torque UL/CSA	55 in·lb

### Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301183D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

### Certificates and Declarations

ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301010D0201
REACH Declaration	1SCC011021D0201
UL Certificate	cULus certificate OT30-125
VDE Certificate	No certification needed

### Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	81 mm
Package Level 1 Depth / Length	112 mm
Package Level 1 Height	86 mm
Package Level 1 Gross Weight	0.39 kg
Package Level 1 EAN	6417019391984

Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (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)	3601437
E-Number (Sweden)	3171945

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

