



PRODUCT-DETAILS

OT30F4N2

OT30F4N2 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT30F4N2
Product ID	1SCA108347R1001
EAN	6417019416472
Catalog Description	OT30F4N2 SWITCH-DISCONNECTOR
Long Description	4-pole, front operated, base mounted, DIN-rail mountable switch-d disconnecter / non-fusible 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
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Eco Transparency

Environmental Product Declaration - EPD	1SCC301280D0201
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Ordering

Minimum Order Quantity	10 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301060M0004
Mechanical Drawings	1SCC301468F0001 1SCC301467F0001 OT100-125F4N2.stp OT100-125F4N2.igs
Environmental Product Declaration - EPD	1SCC301280D0201

Dimensions

Product Net Width	96.5 mm
Product Net Height	100 mm
Product Net Depth / Length	86 mm
Product Net Weight	0.43 kg

Technical

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 Color	Black
Handle Type	Knob Handle and shaft not included
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function
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	4
Connecting Capacity Main Circuit	Flexible with Ferrule 1/2x Cu 2.5...4 mm ² Solid 1/2x Cu 2.5...6 mm ² Flexible 1x Cu 2.5...70 mm ² Flexible 2x Cu 2.5...25 mm ² Stranded 1x Cu 2.5...70 mm ² Stranded 2x Cu 2.5...25 mm ²
Cable Cross-Section	Cu 2.5 ... 25 mm ²
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
Wire Size	1x 12-2/0 AWG 2x 12-4 AWG
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
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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	109 mm
Package Level 1 Depth / Length	112 mm
Package Level 1 Height	86 mm
Package Level 1 Gross Weight	0.46 kg
Package Level 1 EAN	6417019416472

Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601468

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

