

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-diconnector / non-fusible diconnect switch with front protected clamp terminals, handle and shaft are not included

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	1SCC307713F0001 1SCC307712F0001 OT30-60F3.stp OT30-60F3.igs

Dimensions

Product Net Width	70 mm
Product Net Height	100 mm
Product Net Depth / Length	74 mm
Product Net Weight	0.36 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 (I_{cw})	for 1 s 2.5 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 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
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
Ampere Rating UL/CSA	30 A
Tightening Torque UL/CSA	55 in-lb

Environmental

RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	1SCC301183D0201

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC301010D0201
Environmental Information	1SCC301183D0201
Instructions and Manuals	1SCC301060M0004
RoHS Information	1SCC301154D0203

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 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
UNSPSC	39122233
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601437

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

