

PRODUCT-DETAILS

OT80F4N2

OT80F4N2 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT80F4N2
Product ID	1SCA105413R1001
EAN	6417019393483
Catalog Description	OT80F4N2 SWITCH-DISCONNECTOR
Long Description	4-pole, front operated, base mounted, DIN-rail mountable switch-diconnector / non- fusible diconnect switch with 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	1SCC301064M0212
Mechanical Drawings	1SCC301452F0001 1SCC301451F0001 OT63-80F4N2.igs

Dimensions	
Product Net Width	70 mm
Product Net Height	91.5 mm
Product Net Depth / Length	72.5 mm
Product Net Weight	0.3 kg

March Good vi Bod Good v	Product Net Weight	U.3 kg
Control Cont		
Control Cont	Technical	
Act (a) (500 V) 80 A (690 V) 20 A (690 V	Rated Operational	(380 415 V) 80 A
A (e) (500 V) 80 A (690 V) 80 A	Current AC-21A (I _e)	(500 V) 80 A
(690 V) 80 A (14 le) (690 V) 20 A (690 V) 21 KA (69	Rated Operational	
A (e) (500 V) SB A (500 V) SB A (500 V) SB A (690 V) 20 A conal Power (220 240 V) 22 kg and Power (220 240 V) 22 kg (400 415 V) 37 kg (500 V) 37	Current AC-22A (I _e)	
(690 V) 20 A conal Power (220 240 V) 22 kW (400 415 V) 37 kW (500 V) 37 kW (690 V) 31 kW (6	Rated Operational	
(400 415 V) 37 kW (590 V) 13.5 kW (590 V) 13.5 kW (690 V) 13.5 kW (690 V) 13.5 kW (690 V) 13.5 kW (690 V) 14.5 kW (690 V) 15.5 kW (690 V	Current AC-23A (I _e)	
(500 V) 37 km	Rated Operational Power	
Free-air rt (t _{th}) If thermal Fully Enclosed 80 A Fage (U _{imp}) Rey Age (U _{imp}) Rey Pon Voltage acc. to IEC/EN 60664-1 750 V Ponal Main Circuit 750 V Ponal Main Cir	AC-23A (P _e)	(500 V) 37 kW
Finemal Fully Enclosed 80 A 8 kV tage (Ulimp on Voltage acc. to IEC/EN 60664-1 750 V onal Main Circuit 750 V onal Main Circuit 750 V onal Main Circuit 750 V onal Assert (Icw) one for 1 s 1.5 kA rent (Icw) at Rated Operating Conditions per Pole 4.5 W ee 3 Knob Handle and shaft not included sistion Right Side pe Switched - Simultaneous Function ating Mechanism on Top of the Switch een Standard ee Top In - Bottom Out Bottom In - Top Out de Front operated One See Base mounting es 4 ection Cu 1.535 mm² ection Front IP20 Screw Terminals	Conventional Free-air Thermal Current (I _{th})	
8 kV tage (Uimp on Voltage acc. to IEC/EN 60664-1750 V onal Main Circuit 750 V fircuit (690 V) 2.1 kA typ (Icm) me for 1 s 1.5 kA rent (Icw) at Rated Operating Conditions per Pole 4.5 W eee 3 Knob Handle and shaft not included sistion Right Side pe Switched - Simultaneous Function ating Mechanism on Top of the Switch een Standard e Top In - Bottom Out Bottom In - Top Out de Bottom In - Top Out Bottom In -	Conventional Thermal	Fully Enclosed 80 A
tage (Uimp on Voltage acc. to IEC/EN 60664-1750 V onal Main Circuit 750 V onal Main Circuit 750 V onal (690 V) 2.1 kA ty (Icm) me for 1 s 1.5 kA rent (Icw) at Rated Operating Conditions per Pole 4.5 W eee 3 Knob Handle and shaft not included sition Right Side pe Switched - Simultaneous Function ating Mechanism on Top of the Switch een Standard e Top In - Bottom Out Bottom In - Top Out de Top Standard e IEC 60947-3 / UL 508 / CSA C22.2 No. 14 ons e Base mounting es Action Cu 1.535 mm² ection Front IP20 ection Front IP20 Cu 1.535 mm² ection Front IP20 Cu 1.535 mm² ection Front IP20 Screw Terminals	Current (I _{the})	
mal Main Circuit 750 V ircuit (690 V) 2.1 kA tty (1cm) me for 1 s 1.5 kA rent (1cw) at Rated Operating Conditions per Pole 4.5 W ee 3 Knob Handle and shaft not included sistion Right Side pe Switched - Simultaneous Function ating Mechanism on Top of the Switch een Standard e Top In - Bottom Out Bottom In - Top Out de Front operated IEC 60947-3 / UL 508 / CSA C22.2 No. 14 cons Base mounting es 4 cution Cu 1.535 mm² ection Front IP20 Screw Terminals	Rated Impulse Withstand Voltage (U _{imp})	8 kV
ircuit ty (lcm) me for 1 s 1.5 kA rent (lcw) at Rated Operating Conditions per Pole 4.5 W ee 3 Knob Handle and shaft not included sittion Right Side pe Switched - Simultaneous Function ating Mechanism on Top of the Switch een Standard een Standard ee Top In - Bottom Out Bottom In - Top Out de Front operated IEC 60947-3 / UL 508 / CSA C22.2 No. 14 ons ee Base mounting es 4 dection Cu 1.535 mm² ection Front IP20 Ection Front IP20 Screw Terminals	Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 750 V
try (Icm) me for 1 s 1.5 kA rent (Icw) at Rated Operating Conditions per Pole 4.5 W ee 3 Knob Handle and shaft not included sition Right Side pe Switched - Simultaneous Function ating Mechanism on Top of the Switch een Standard e Top In - Bottom Out Bottom In - Top Out de Front operated IEC 60947-3 / UL 508 / CSA C22.2 No. 14 ons No e Base mounting es 4 ection Cu 1.535 mm² ection Front IP20 Screw Terminals	Rated Operational Voltage	Main Circuit 750 V
rent (I _{cw}) at Rated Operating Conditions per Pole 4.5 W see 3 Knob Handle and shaft not included sition Right Side pe Switched - Simultaneous Function ating Mechanism on Top of the Switch een Standard e Top In - Bottom Out Bottom In - Top Out de Front operated IEC 60947-3 / UL 508 / CSA C22.2 No. 14 ons No e Base mounting es 4 cution Cu 1.535 mm² fection Front IP20 Screw Terminals	Rated Short-Circuit Making Capacity (I _{cm})	(690 V) 2.1 kA
Rebe Skition Right Side Switched - Simultaneous Function ating Mechanism on Top of the Switch een Standard e Top In - Bottom Out Bottom In - Top Out Bottom In - Top Out IEC 60947-3 / UL 508 / CSA C22.2 No. 14 Ons Sasses	Rated Short-time Withstand Current (I _{cw})	for 1 s 1.5 kA
Knob Handle and shaft not included sition Right Side pe Switched - Simultaneous Function ating Mechanism on Top of the Switch een Standard e Top In - Bottom Out Bottom In - Top Out de Front operated IEC 60947-3 / UL 508 / CSA C22.2 No. 14 Ons Sase Mounting es Cution Cu 1.535 mm² tection Front IP20 Screw Terminals	Power Loss	at Rated Operating Conditions per Pole 4.5 W
Handle and shaft not included sition Right Side pe Switched - Simultaneous Function ating Mechanism on Top of the Switch een Standard e Top In - Bottom Out Bottom In - Top Out de Front operated IEC 60947-3 / UL 508 / CSA C22.2 No. 14 ons No Base mounting es Cu 1.535 mm² ection Cu 1.535 mm² front IP20 Screw Terminals	Pollution Degree	3
Switched - Simultaneous Function ating Mechanism on Top of the Switch een Standard e Top In - Bottom Out Bottom In - Top Out de Front operated IEC 60947-3 / UL 508 / CSA C22.2 No. 14 ons See Base mounting es 4 ection Cu 1.535 mm² fection Front IP20 Screw Terminals	Handle Type	
Mechanism on Top of the Switch een Standard e Top In - Bottom Out Bottom In - Top Out de Front operated IEC 60947-3 / UL 508 / CSA C22.2 No. 14 ons e Base mounting es 4 ection Cu 1.535 mm² fection Front IP20 Screw Terminals	Fourth Pole Position	Right Side
een Standard e Top In - Bottom Out Bottom In - Top Out I	Fourth Pole Type	Switched - Simultaneous Function
E Top In - Bottom Out Bottom In - Top Out de Front operated IEC 60947-3 / UL 508 / CSA C22.2 No. 14 ons No Base mounting es 4 ection Cu 1.535 mm² front IP20 Screw Terminals	Switches Operating Mechanism	Mechanism on Top of the Switch
Bottom In - Top Out de Front operated IEC 60947-3 / UL 508 / CSA C22.2 No. 14 ons Sase mounting es dection Cu 1.535 mm² Front IP20 Screw Terminals	Distance Between Phases	Standard
Front operated IEC 60947-3 / UL 508 / CSA C22.2 No. 14 ons No Base mounting es Cu 1.535 mm² cection Front IP20 Screw Terminals	Position of Line	·
IEC 60947-3 / UL 508 / CSA C22.2 No. 14 ons No e Base mounting es 4 ection Cu 1.535 mm² ection Front IP20 Screw Terminals	Terminals	
No Base mounting es Cu 1.535 mm² Cu 1.535 mm² ection Front IP20 Screw Terminals	Operating Mode	•
Base mounting es 4 ection Cu 1.535 mm² ection Front IP20 Screw Terminals	Standards Cookiel Functions	· · · · · ·
es 4 ection Cu 1.535 mm² ection Front IP20 Screw Terminals	Special Functions	
Cu 1.535 mm² ection Front IP20 Screw Terminals	Mounting Type Number of Poles	Base mounting
ection Front IP20 Screw Terminals	Cable Cross-Section	Cu15 25 mm ²
Screw Terminals	Degree of Protection	
	Terminal Type	
acc. 1EC 00547 1E 14111	Tightening Torque	
rability 20000	Mechanical Durability	
No No	Lock Type	

Maximum Operating Voltage UL/CSA	600 \
Horsepower Rating UL/CSA	(110 120 V AC) Single Phase 2 H _I (240 V AC) Single Phase 10 H _I (440 480 V AC) Single Phase 20 H _I (550 600 V AC) Single Phase 20 H _I (220 240 V AC) Three Phase 20 H _I (440 480 V AC) Three Phase 40 H _I (550 600 V AC) Three Phase 40 H _I
Ampere Rating UL/CSA	80 /
Tightening Torque UL/CSA	18 in·lt

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

Certificates and Declarations (Document Number)	
Declaration of Conformity - CE	1SCC301167D2704
Environmental Information	1SCC301183D0201
Instructions and Manuals	1SCC301064M0212
RoHS Information	1SCC301183D0202

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	84 mm
Package Level 1 Depth / Length	103 mm
Package Level 1 Height	82 mm
Package Level 1 Gross Weight	0.3 kg
Package Level 1 EAN	6417019393483

Classifications	
Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnector
ETIM 6	EC000216 - Switch disconnector
ETIM 7	EC000216 - Switch disconnector
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601461
E-Number (Sweden)	3171071

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Categories

Low Voltage Products and Systems \rightarrow Switches \rightarrow Switch Disconnectors

