

PRODUCT-DETAILS

OT100F4C

OT100F4C CHANGE-OVER SWITCH



General Information

Extended Product Type	OT100F4C
Product ID	1SCA105019R1001
EAN	6417019391502
Catalog Description	OT100F4C CHANGE-OVER SWITCH
Long Description	100A Manual Change-Over Switch, Handle and shaft need to be ordered separately, Open transition

Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201

Ordering

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

Popular Downloads		
Data Sheet, Technical Information		1SCC303003C0201
Instructions and Manuals		1SCC301067M0208
Dimensions		
Product Net Width		193 mm 7.6 in
Product Net Height		100 mm 3.94 in
Product Net Depth / Length		86 mm 3.39 in
Product Net Weight		1.3 kg 2.87 lb
Technical		
Rated Operational Current AC-21A (I_g)	(380 ... 415 V) 100 A (500 V) 100 A (690 V) 100 A	
Rated Operational Current AC-22A (I_g)	(380 ... 415 V) 100 A (500 V) 100 A (690 V) 100 A	
Rated Operational Current AC-23A (I_g)	(380 ... 415 V) 80 A (500 V) 60 A (690 V) 40 A	
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 37 kW (500 V) 37 kW (690 V) 37 kW	
Conventional Free-air Thermal Current (I_{th})	$\Theta = 40\text{ }^{\circ}\text{C}$ 115 A	
Conventional Thermal Current (I_{the})	Fully Enclosed 115 A	
Rated Impulse Withstand Voltage (U_{imp})		8 kV
Rated Insulation Voltage (U_i)		750 V
Rated Operational Voltage		750 V
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 2.5 kiloampere rms	
Power Loss		4 W
Pollution Degree		3
Handle Color		Black
Handle Type	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		UL 98 / IEC60947-3

Mounting Type	Base mounting
Number of Poles	4
Cable Cross-Section	10 ... 70 mm²
Degree of Protection	Front IP20
Mechanical Durability	6000 cycle
Transition Type	Open

Technical UL/CSA

Ampere Rating	100 A
Horsepower Rating UL/CSA	(acc. to UL 200 V) 30 Hp (acc. to UL 208 V) 30 Hp (acc. to UL 240 V) 30 Hp (acc. to UL 480 V) 50 Hp (acc. to UL 600 V) 50 Hp

Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
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Certificates and Declarations

Declaration of Conformity - CE	1SCC303021D2702
REACH Declaration	1SCC011021D0201

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	102 mm 4.02 in
Package Level 1 Depth / Length	205 mm 8.07 in
Package Level 1 Height	103 mm 4.06 in
Package Level 1 Gross Weight	1.3 kg 2.87 lb
Package Level 1 EAN	6417019391502

Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnect
ETIM 8	EC000216 - Switch disconnect
ETIM 9	EC000216 - Switch disconnect (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)	3601404

Categories

Low Voltage Products and Systems → Switches → Change-over and Transfer Switches → Manual Change-over Switches

