



PRODUCT-DETAILS

OT80F3C

OT80F3C CHANGE-OVER SWITCH



General Information	
Extended Product Type	OT80F3C
Product ID	1SCA105402R1001
EAN	6417019393377
Catalog Description	OT80F3C CHANGE-OVER SWITCH
Long Description	80A 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	1SCC301054M0006

Dimensions

Product Net Width	105 mm 4.13 in
Product Net Height	92 mm 3.62 in
Product Net Depth / Length	85 mm 3.35 in
Product Net Weight	0.64 kg 1.41 lb

Technical

Rated Operational Current AC-21A (I _e)	(380 ... 415 V) 80 A (500 V) 80 A (690 V) 80 A
Rated Operational Current AC-22A (I _e)	(380 ... 415 V) 80 A (500 V) 80 A (690 V) 80 A
Rated Operational Current AC-23A (I _e)	(380 ... 415 V) 75 A (500 V) 58 A (690 V) 20 A
Rated Operational Power AC-23A (P _e)	(380 ... 415 V) 37 kW (500 V) 18.5 kW (690 V) 18.5 kW
Conventional Free-air Thermal Current (I _{th})	Θ = 40 °C 80 A
Conventional Thermal Current (I _{the})	Fully Enclosed 80 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 1.5 kiloampere rms
Power Loss	4.5 W
Pollution Degree	3
Handle Color	Black
Handle Type	Handle and shaft not included
Switches Operating Mechanism	Mechanism on Top of the Switch
Distance Between Phases	Standard
Position of Line	Top In - Bottom Out, Bottom In - Top Out

Terminals

Operating Mode	Front operated
Standards	UL 98 / IEC60947-3
Mounting Type	Base mounting
Number of Poles	3
Cable Cross-Section	1.5 ... 35 mm ²
Degree of Protection	Front IP20
Transition Type	Open

Technical UL/CSA

Ampere Rating	80 A
Horsepower Rating	(acc. to UL 200 V) 20 Hp
UL/CSA	(acc. to UL 208 V) 20 Hp
	(acc. to UL 240 V) 20 Hp
	(acc. to UL 480 V) 40 Hp
	(acc. to UL 600 V) 40 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	1SCC303020D2702
DNV Certificate	1SCC303138D0201
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	0.73 kg
	1.61 lb
Package Level 1 EAN	6417019393377

Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
UNSPSC	39122205
IDEA Granular Category Code (IGCC)	5166 >> Safety switch
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

E-Number (Finland)	3601460
E-Number (Sweden)	3171264

Categories

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

