

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	Handle and shaft has to be ordered separately

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	105 mm
Product Net Height	92 mm
Product Net Depth / Length	85 mm
Product Net Weight	0.64 kg

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) 37 kW (690 V) 18.5 kW
Conventional Free-air Thermal Current (I_{th})	$\Theta = 40$ °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 Terminals	Top In - Bottom Out, Bottom In - Top Out
Operating Mode	Front operated
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 (Document Number)

Declaration of Conformity - CE	1SCC303020D0201
Instructions and Manuals	1SCC301067M0208
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	102 mm
Package Level 1 Depth / Length	205 mm
Package Level 1 Height	102 mm
Package Level 1 Gross Weight	0.73 kg
Package Level 1 EAN	6417019393377

Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
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

