

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

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

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85365080

Popular Downloads

Data Sheet, Technical Information:	1SCC303003C0201
Instructions and Manuals:	1SCC303008M0203

Dimensions

Product Net Width:	105 mm
Product Net Height:	92 mm
Product Net Depth / Length:	85 mm
Product Net Weight:	0.67 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}):	q = 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 (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

Technical UL/CSA

Horsepower Rating UL/CSA:	(acc. to UL 200 V) 20 Hp (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
Ampere Rating UL/CSA:	80 A

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	1SCC303020D0201
Instructions and Manuals:	1SCC303008M0203
RoHS Information:	1SCC301183D0201

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:	0.64 kg
Package Level 1 EAN:	6417019393377

Classifications

E-number:	3171264
Object Classification Code:	Q
ETIM 5:	EC000216 - Switch disconnecter
ETIM 6:	EC000216 - Switch disconnecter
ETIM 7:	EC000216 - Switch disconnecter

