

OT80F3

General Information

Extended Product Type:	OT80F3
Product ID:	1SCA105798R1001
EAN:	6417019397016
Catalog Description:	OT80F3 switch-disconnector
Long Description:	3-pole, front operated, base mounted, DIN-rail mountable switch-diconnector / non-fusible diconnect switch with protected clamp terminals, handle and shaft are not included

Categories

Products » Low Voltage Products and Systems » Switches » Switch Disconnectors

Ordering

Minimum Order Quantity:	10 piece
Customs Tariff Number:	85365080

Popular Downloads

Data Sheet, Technical Information:	<u>1SCC301020C0201</u>
Instructions and Manuals:	<u>1SCC301064M0001</u>

Dimensions

Product Net Width:	53 mm
Product Net Height:	92 mm
Product Net Depth / Length:	73 mm
Product Net Weight:	0.27 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):	(500 V) 58 A (380 ... 415 V) 75 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-Circuit Making (690 V AC) 1.4 kA

Capacity (I_{cm}):

Rated Short-time for 1 s 1 kiloampere rms

Withstand Current (I_{cw}):

Power Loss: at Rated Operating Conditions per Pole 2.8 W
at Rated Operating Conditions per Pole 4.5 W

Pollution Degree: 3

Handle Type: Knob, 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

Standards: IEC 60947-3, UL 508 / CSA C22.2 NO.14

Special Functions: No

Mounting Type: Base mounting

Number of Poles: 3

Cable Cross-Section: 1.5 ... 35 mm²

Terminal Type: Screw Terminals

Tightening Torque: 2 N·m

Technical UL/CSA

Maximum Operating Voltage UL/CSA: 600 V

Horsepower Rating UL/CSA: (acc. to UL 200 V) 20 Hp
(acc. to UL 480 V) 40 Hp
(acc. to UL 208 V) 20 Hp
(acc. to UL 240 V) 20 Hp
(acc. to UL 600 V) 40 Hp

Ampere Rating UL/CSA: 80 A

Tightening Torque UL/CSA: 18 in·lb

Environmental

Environmental Information: 1SCC301183D0201

Certificates and Declarations (Document Number)

Declaration of Conformity - CE: 1SCC301167D2704

Environmental Information: 1SCC301183D0201

Instructions and Manuals: 1SCC301064M0001

RoHS Information: 1SCC301183D0201

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	84 mm
Package Level 1 Depth / Length:	103 mm
Package Level 1 Height:	64 mm
Package Level 1 Gross Weight:	0.27 kg
Package Level 1 EAN:	6417019397016

Classifications

E-nummer:	3170941
Object Classification Code:	Q
ETIM 5:	EC000216 - Switch disconnecter
ETIM 6:	EC000216 - Switch disconnecter

