

Detailed information for: OT80FT3

This page contains technical data sheet, documents library and links to offering related to this product. If you require any other information, please contact us using form located at the bottom of the page.

OT80FT3

General Information

Extended Product Type:	OT80FT3
Product ID:	1SCA105431R1001
EAN:	6417019393667
Catalog Description:	OT80FT3 switch-disconnector
Long Description:	3-pole, front operated, door mounted switch-diconnector / non-fusible diconnect switch with protected clamp terminals, handle is 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:	1SCC301020C0201
Instructions and Manuals:	1SCC301063M0001

Dimensions

Product Net Width:	65 mm
Product Net Height:	72 mm
Product Net Depth:	69 mm
Product Net Weight:	0.28 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 750 V

(U_i):

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 4.5 W

at Rated Operating Conditions per Pole 2.8 W

Pollution Degree: 3

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

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

Special Functions: No

Mounting Type: Door 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 - [1SCC301167D2704](#)

CE:

Environmental Information: [1SCC301183D0201](#)

Instructions and Manuals: [1SCC301063M0001](#)

RoHS Information: [1SCC301183D0201](#)

Container Information

Package Level 1 Units: 1 piece

Package Level 1 Width: 80 mm

Package Level 1 Length: 84 mm

Package Level 1 Height: 76 mm

Package Level 1 Gross Weight: 0.28 kg

Weight:

Package Level 1 EAN: 6417019393667

Classifications

E-nummer: 3170948

Object Classification Code: Q

ETIM 5: EC000216 - Switch disconnecter

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