

## OT80FT3



### General Information

Extended Product Type:	OT80FT3
Product ID:	1SCA105431R1001
EAN:	6417019393667
Catalog Description:	OT80FT3 Switch-disconnector
Long Description:	Front operated switch-disconnector. Types OT 16...125 include protected terminal clamps, IP 20.

### Categories

Products » Low Voltage Products and Systems » Switches » Disconnect Switches

### Ordering

EAN:	6417019393667
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85365080

### Dimensions

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

### Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	80 mm
Package Level 1 Height:	76 mm
Package Level 1 Length:	84 mm
Package Level 1 Gross Weight:	0.28 kg
Package Level 1 EAN:	6417019393667

### Environmental

RoHS Status:	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2009 Q3
--------------	---

### Technical UL/CSA

Ampere Rating UL/CSA:	60 A
Horse Power Rating UL/CSA:	acc. to UL 200V 20 Hp acc. to UL 208V 20 Hp acc. to UL 240V 20 Hp acc. to UL 480V 40 Hp acc. to UL 600V 40 Hp

### Additional Information

Cable Cross-Section:	1.5...35 mm <sup>2</sup>
Conventional Free-air Thermal Current (I <sub>th</sub> ):	q=40°C 80 A
Conventional Thermal Current (I <sub>the</sub> ):	Fully Enclosed 80 A
IIT Publishing Status:	Level 0 - Information enabled
Number of Poles:	3
Operating Mechanism:	Mechanism on top of the switch
Pollution Degree:	3
Position of Line Terminals:	Top in - bottom out
Power Loss:	Per Pole 2.8 W
Product Main Type:	OT80F
Product Name:	Switch-disconnector
Rated Impulse Withstand Voltage (U <sub>imp</sub> ):	8 kV
Rated Insulation Voltage (U <sub>i</sub> ):	750 V
Rated Operational Current AC-21A (I <sub>e</sub> ):	(500V) 80 A (380 ... 415V) 80 A (690V) 80 A
Rated Operational Current AC-22A (I <sub>e</sub> ):	(380 ... 415 V) 80 A (500 V) 80 A (690 V) 80 A
Rated Operational Current AC-23A (I <sub>e</sub> ):	(380 ... 415 V) 75 A (690 V) 20 A (500 V) 58 A

**Rated Operational Power AC-23A** (220 ... 240V) 22 kW  
**(P<sub>e</sub>):** (400V) 37 kW  
(415V) 37 kW  
(500V) 37 kW  
(690V) 18.5 kW

**Rated Operational Voltage (U<sub>e</sub>):** 750 V

**Rated Short-time Withstand Current** for 1.0s 1 kiloampere rms  
**(I<sub>cw</sub>):**

---

### Certificates and Declarations (Document Number)

**Declaration of Conformity - CE:** [1SCC301167D0201](#);

---

### Classifications

**E-nummer:** 3170948

**ETIM 5.0:** EC000216 - Switch disconnecter

**Object Classification Code:** Q

