

OT16F6

General Information

Extended Product Type:	OT16F6
Product ID:	1SCA104834R1001
EAN:	6417019389783
Catalog Description:	OT16F6 switch-disconnector
Long Description:	6-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:	1 piece
Customs Tariff Number:	85365080

Popular Downloads

Data Sheet, Technical Information:	1SCC301020C0201
Instructions and Manuals:	1SCC301055M0001

Dimensions

Product Net Width:	68 mm
Product Net Height:	70 mm
Product Net Depth / Length:	68 mm
Product Net Weight:	0.25 kg

Technical

Rated Operational Current AC-21A (I_e):	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 16 A
Rated Operational Current AC-22A (I_e):	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 16 A
Rated Operational Current AC-23A (I_e):	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 10 A
Rated Operational Power AC-23A (P_e):	(380 ... 415 V) 7.5 kW (500 V) 7.5 kW (690 V) 7.5 kW
Conventional Free-air Thermal Current (I_{th}):	q = 40 °C 25 A
Conventional Thermal Current (I_{the}):	Fully Enclosed 25 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 Capacity (I_{cm}): (690 V AC) 0.705 kA

Rated Short-time Withstand Current (I_{cw}): for 1 s 0.5 kiloampere rms

Power Loss: at Rated Operating Conditions per Pole 0.3 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: 6

Cable Cross-Section: 0.75 ... 10 mm²

Terminal Type: Screw Terminals

Tightening Torque: 0.8 N·m

Technical UL/CSA

Maximum Operating Voltage UL/CSA: 600 V

Horsepower Rating UL/CSA: (acc. to UL 200 V) 3 Hp
(acc. to UL 480 V) 10 Hp
(acc. to UL 240 V) 5 Hp
(acc. to UL 208 V) 3 Hp
(acc. to UL 600 V) 10 Hp

Ampere Rating UL/CSA: 20 A

Tightening Torque UL/CSA: 7 in·lb

Environmental

Environmental Information: 1SCC301183D0201

Certificates and Declarations (Document Number)

Declaration of Conformity - CE: 1SCC301166D2703

Environmental Information: 1SCC301183D0201

Instructions and Manuals: 1SCC301055M0001

RoHS Information: 1SCC301183D0201

Container Information

Package Level 1 Units: 1 piece

Package Level 1 Width:	80 mm
Package Level 1 Depth / Length:	108 mm
Package Level 1 Height:	79 mm
Package Level 1 Gross Weight:	0.25 kg
Package Level 1 EAN:	6417019389783

Classifications

Object Classification Code: Q

ETIM 5:	EC000216 - Switch disconnecter
ETIM 6:	EC000216 - Switch disconnecter
ETIM 7:	EC000216 - Switch disconnecter



© Copyright 2018 ABB