

OT160G03P

General Information

Extended Product Type:	OT160G03P
Product ID:	1SCA135139R1001
EAN:	6417019638706
Catalog Description:	OT160G03P switch-disconnector
Long Description:	3-pole, front operated, base mounted switch-diconnector with protected clamp terminals and with black IP65 handle and shaft

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:	1SCC301018B0201
Instructions and Manuals:	1SCC301089M0202

Dimensions

Product Net Width:	123 mm
Product Net Height:	130 mm
Product Net Depth / Length:	72 mm
Product Net Weight:	1.3 kg 1 kg

Technical

Rated Operational Current AC-21A (I_e):	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-22A (I_e):	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-23A (I_e):	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Power AC-23A (P_e):	(380 ... 415 V) 75 kW (500 V) 90 kW (690 V) 132 kW
Conventional Free-air Thermal Current (I_{th}):	q = 40 °C 160 A
Conventional Thermal Current (I_{the}):	Fully Enclosed 160 A
Rated Impulse Withstand Voltage (U_{imp}):	12 kV

Rated Insulation Voltage (U_i): 1000 V

Rated Operational Voltage: 1000 V

Rated Short-Circuit Making Capacity (I_{cm}): (690 V AC) 12 kA

Rated Short-time Withstand Current (I_{cw}): for 1 s 4 kA

Power Loss: at Rated Operating Conditions per Pole 6.5 W

Pollution Degree: 3

Handle Type: Handle and shaft included

Switches Operating Mechanism: Mechanism at the End of the Switch
03 (Left Side)

Distance Between Phases: Standard

Position of Line Terminals: Top In - Bottom Out
Bottom In - Top Out

Operating Mode: Front and side operated

Standards: IEC 60947-3, UL 98 / CSA C22.2 NO.4

Special Functions: No

Mounting Type: Base mounting

Number of Poles: 3

Cable Cross-Section: 10 ... 70 mm²

Terminal Type: Lug terminals

Tightening Torque: 6 N·m

Technical UL/CSA

Maximum Operating Voltage UL/CSA: 600 V

Horsepower Rating UL/CSA: (440 ... 480 V AC) Single Phase 30 Hp

Ampere Rating UL/CSA: 125 A

Tightening Torque UL/CSA: 53 in·lb

Environmental

RoHS Status: Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

Declaration of Conformity - [1SCC301210D2701](#)

CE:

DNV GL Certificate: [1SCC301174D0204](#)

Instructions and Manuals: [1SCC301089M0202](#)

UL Certificate: [cUL File E101914, Vol. 2, Sec. 22](#)

Container Information

Package Level 1 Units: 1 piece

Package Level 1 Width: 160 mm

Package Level 1 Depth / Length: 210 mm

Package Level 1 Height: 96 mm

Package Level 1 Gross Weight: 1.400 kg

Package Level 1 EAN: 6417019638706

Classifications

ETIM 5: EC000216 - Switch disconnector

ETIM 6: EC000216 - Switch disconnector

ETIM 7: EC000216 - Switch disconnector



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