OT160G03

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

General Information

Extended Product Type:	OT160G03
Product ID:	1SCA135134R1001
EAN:	6417019638355
Catalog Description:	OT160G03 switch-disconnector
Long Description:	3-pole, front operated, base mounted switch-diconnector with protected cla mp terminals, handle and shaft are not included

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:	1.1 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 not 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 - CE:	1SCC301210D2701
DNV GL Certificate:	1SCC301174D0204

Instructions and Manuals:	1SCC301089M0202
UL Certificate:	cUL Listed Open type switch 97C2 File E101914, Recognized WHTY2, 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:	1.200 kg
Package Level 1 EAN:	6417019638355

Classifications

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

