OT160G30P

General Information

Extended Product Type:	OT160G30P
Product ID:	1SCA135138R1001
EAN:	6417019638393
Catalog Description:	OT160G30P 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

EAN:	6417019638393
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85365080

Dimensions

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

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	160 mm
Package Level 1 Height:	96 mm
Package Level 1 Length:	210 mm
Package Level 1 Gross Weight:	1.300 kg
Package Level 1 EAN:	6417019638393

Environmental

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

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	600 V
Ampere Rating UL/CSA:	125 A
Horsepower Rating UL/CSA:	(440 ... 480 V AC) Single Phase 30 Hp
General Use Rating UL/CSA:	100 A
Tightening Torque UL/CSA:	53 in·lb

Additional Information

Cable Cross-Section:	1070 mm²
Cable Use:	Copper wire size IEC: 10-70 sq.mm, UL: AWG8-1/0 60-75°C
Conventional Free-air Thermal Current (I_{th}):	q = 40 °C 160 A
Conventional Thermal Current (I_{the}):	Fully Enclosed 160 A
Dielectric Test Voltage:	10000 V
Earthing Switch Type:	No Additional Type
Handle Type:	Handle and shaft included
Includes:	Handle and Shaft
Mounting Type:	Base mounting
Number of Poles:	3
Operating Mode:	Front and side operated
Pollution Degree:	3
Position of Line Terminals:	Top In - Bottom Out
Power Loss:	at Rated Operating Conditions per Pole 6.5 W
Product Main Type:	OT160G
Product Name:	Switch-disconnector
Product Type:	OT
Rated Impulse Withstand Voltage	12 kV

(U_{imp}):	
Rated Insulation Voltage (U_i):	1000 V
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):	(500 V) 75 kW (500 V) 90 kW (690 V) 132 kW (690 V) 75 kW (400 V) 75 kW (415 V) 75 kW (220 ... 240 V) 45 kW
Rated Operational Voltage:	1000 V
Rated Short-time Withstand Current (I_{cw}):	for 1 s 4 kA
Special Functions:	No
Standards:	IEC 60947-3, UL 98 / CSA C22.2 NO.4
Switches Operating Mechanism:	Mechanism at the End of the Switch 30 (Right Side)
Terminal Type:	Lug terminals
Tightening Torque:	6 N·m

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	1SCC301210D2701
UL Certificate:	cUL File E101914, Vol. 2, Sec. 22
Data Sheet, Technical Information:	1SCC301018B0201

Classifications

ETIM 5:	EC000216 - Switch disconnector

