

## 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-disconnector 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
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## 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:	10 $\diamond$ 70 mm <sup>2</sup>
Cable Use:	Copper wire size IEC: 10-70 sq.mm, UL: AWG8-1/0 60-75°C
Conventional Free-air Thermal Current (I <sub>th</sub> ):	q = 40 °C 160 A
Conventional Thermal Current (I <sub>the</sub> ):	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

<b>(U<sub>imp</sub>):</b>	
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	1000 V
<b>Rated Operational Current AC-21A (I<sub>e</sub>):</b>	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
<b>Rated Operational Current AC-22A (I<sub>e</sub>):</b>	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
<b>Rated Operational Current AC-23A (I<sub>e</sub>):</b>	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
<b>Rated Operational Power AC-23A (P<sub>e</sub>):</b>	(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
<b>Rated Operational Voltage:</b>	1000 V
<b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b>	for 1 s 4 kA
<b>Special Functions:</b>	No
<b>Standards:</b>	IEC 60947-3, UL 98 / CSA C22.2 NO.4
<b>Switches Operating Mechanism:</b>	Mechanism at the End of the Switch 30 (Right Side)
<b>Terminal Type:</b>	Lug terminals
<b>Tightening Torque:</b>	6 N·m

### Certificates and Declarations (Document Number)

<b>Declaration of Conformity - CE:</b>	<a href="#">1SCC301210D2701</a>
<b>UL Certificate:</b>	<a href="#">cUL File E101914, Vol. 2, Sec. 22</a>
<b>Data Sheet, Technical Information:</b>	<a href="#">1SCC301018B0201</a>

### Classifications

<b>ETIM 5:</b>	EC000216 - Switch disconnecter
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