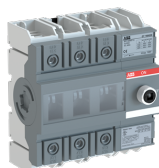


PRODUCT-DETAILS

# OT160G30

## OT160G30 SWITCH-DISCONNECTOR



### General Information

Extended Product Type	OT160G30
Product ID	1SCA138207R1001
EAN	6417019666174
Catalog Description	OT160G30 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-diconductor with protected clamp terminals, handle and shaft are not included

### Popular Downloads

Data Sheet, Technical Information	1SCC301018B0201
Instructions and Manuals	1SCC301089M0204

### Dimensions

Product Net Width	123 mm
Product Net Height	130 mm
Product Net Depth / Length	73 mm
Product Net Weight	0.8 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 ( $P_e$ )	(220 ... 240 V) 45 kW (400 ... 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 ( $U_i$ )	acc. to IEC/EN 60664-1 1000 V
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(690 V) 12 kA
Rated Short-time Withstand Current ( $I_{cw}$ )	for 1 s 4 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(690 V) 30 kiloampere rms (690 V) 500V;24 kiloampere rms
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 30 (Right 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	Cu 10...70 mm <sup>2</sup>
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 6 N·m
Mechanical Durability	20000

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Horsepower Rating UL/CSA	(240 V AC) Single Phase 20 Hp (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 2011/65/EU

### Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC301210D2701
DNV GL Certificate	1SCC301174D0204
Instructions and Manuals	1SCC301089M0204
UL Certificate	cUL File E101914, Vol. 2, Sec. 22

### Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	160 mm 6.3 in
Package Level 1 Depth / Length	244 mm 9.6 in
Package Level 1 Height	96 mm 3.8 in
Package Level 1 Gross Weight	0.9 kg 1.9 lb
Package Level 1 EAN	6417019666174

### Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
UNSPSC	39122233
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

### Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

