

PRODUCT-DETAILS

## OT160GT30

# OT160GT30 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT160GT30
Product ID	1SCA138220R1001
EAN	6417019666280
Catalog Description	OT160GT30 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, door mounted switch-diconnector with protected clamp

Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

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	75 mm
Product Net Weight	0.8 kg

Technical	
Rated Operational	(380 415 V) 160 A
Current AC-21A (I <sub>e</sub> )	(500 V) 160 A
	(690 V) 160 A
Rated Operational	(380 415 V) 160 A
Current AC-22A (I <sub>e</sub> )	(500 V) 160 A (690 V) 160 A
Rated Operational	(380 415 V) 160 A
Current AC-23A (I <sub>e</sub> )	(500 V) 160 A
	(690 V) 160 A
Rated Operational Power	(220 240 V) 45 kW
AC-23A (P <sub>e</sub> )	(400 415 V) 75 kW (500 V) 90 kW
	(690 V) 132 kW
Conventional Free-air	q = 40 °C 160 A
Thermal Current (I <sub>th</sub> )	
Conventional Thermal Current (I <sub>the</sub> )	Fully Enclosed 160 A
Rated Impulse	12 kV
Withstand Voltage (U <sub>imp</sub>	
)	
Rated Insulation Voltage	acc. to IEC/EN 60664-11000 V
(U <sub>i</sub> ) Rated Operational	Main Circuit 1000 V
Voltage	Main Circuit 1000 V
Rated Short-Circuit	(690 V) 12 kA
Making Capacity (I <sub>cm</sub> )	
Rated Short-time	for 1 s 4 kA
Withstand Current (I <sub>CW</sub> )	(500 \ 1) 00   1
Rated Conditional Short- Circuit Current (I <sub>nc</sub> )	(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 at the End of the Switch
Mechanism	30 (Right Side)
Distance Between Phases	Standard
Position of Line	Top In - Bottom Out
Terminals	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	Door mounting
Number of Poles	3
Cable Cross-Section	Cu 1070 mm²
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 6 N·m
Mechanical Durability	20000
Lock Type	No

## Technical UL/CSA

Maximum Operating	600 V
Voltage III /CSA	

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	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	1SCC301089M0204

Manuals

UL Certificate cUL File E101914, Vol. 2, Sec. 22

#### **Container Information**

Package Level 1 Units	box 1 piece
Package Level 1 Width	160 mm
	6.3 in
Package Level 1 Depth /	244 mm
Length	9.6 in
Package Level 1 Height	96 mm
	3.8 in
Package Level 1 Gross	0.9 kg
Weight	1.9 lb
Package Level 1 EAN	6417019666280

#### Classifications

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

### Categories

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