

PRODUCT-DETAILS

OT160GT40

OT160GT40 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT160GT40
Product ID	1SCA138221R1001
EAN	6417019666297
Catalog Description	OT160GT40 SWITCH-DISCONNECTOR
Long Description	4-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	1SCC301089M0204
Manuals	

Dimensions	
Product Net Width	150 mm

Product Net Height	130 mm
Product Net Depth / Length	75 mm
Product Net Weight	1 kg

Technical	
Rated Operational	(380 415 V) 160 A
Current AC-21A (I _e)	(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	(380 415 V) 160 A
Current AC-23A (I _e)	(500 V) 160 A
Rated Operational Power	(690 V) 160 A (220 240 V) 45 kW
AC-23A (P _e)	(400 415 V) 75 kW
	(500 V) 90 kW
Comments and Francis	(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	acc. to IEC/EN 60664-1 1000 V
(U _i)	
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-	(690 V) 30 kiloampere rms
Circuit Current (Inc)	(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
Fourth Pole Position	Right Side
Fourth Pole Type Suitshes Operating	Switched - Simultaneous Function Mechanism at the End of the Switch
Switches Operating Mechanism	40 (Right Side)
Distance Between	Standard
Phases	
Position of Line	Top In - Bottom Out
Terminals Operating Mode	Bottom In - Top Out 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	4
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 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
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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	1.1 kg
Weight	2.4 lb
Package Level 1 EAN	6417019666297

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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