



PRODUCT-DETAILS

OT160G04P
OT160G04P SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT160G04P
Product ID	1SCA135140R1001
EAN	6417019638713
Catalog Description	OT160G04P SWITCH-DISCONNECTOR
Long Description	4-pole, front operated, base mounted switch-diconnector with protected clamp terminals and with black IP65 handle and shaft

ABB EcoSolutions	
End Of Life Disassembling Instructions	1SCC301116M0201
Environmental Information	1SCC301267D0201
Environmental Product Declaration - EPD	1SCC301281D0201

Material Compliance	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	0f3f7427-49c7-4e78-bb73-a737862f1a86 Finland
Simplified SCIP	8cfe2808-3813-47ee-9599-ad61a92a7550 Germany 4f8185e0-8761-43ac-8ccc-84b38a1d3eda Germany 592c285a-97df-4fdb-8c52-24551695f425 Sweden 048e0e3a-0597-43c8-bab4-a73ba1fe67cc France 63b3f780-5dca-431b-84a1-1d63a9a537f2 Poland 043838fc-1484-4534-983b-25e1ab3f8936 Czech Republic 5e232ec1-e4b2-43c4-860a-a5c5158da80d Poland f5401db0-3789-4b8e-a9b0-05fbdd50d59a Netherlands f319acc9-99bd-431e-a92a-fa770fe3ff0b Sweden 60b7513f-cb39-4575-a721-df650ff983d1 Bulgaria 6b437b08-9ef2-4b76-aeef-21732d5b995c Greece f0046096-4968-4bed-b78a-174de38aabe5 Croatia dfae7374-f73c-4764-ab36-63b144cc9e33 Portugal e64c79d4-e1a4-4506-95dd-2a1e7a0813c3 Estonia 88a1b7e0-0a83-4696-8a2a-eac899d341bb Hungary f7dfdce6-faca-495d-9969-256f4ef0fd67 Germany bad1792b-0f12-40b1-8d58-6eb849a5dbe3 Germany f976b8e5-30cf-47db-a890-2d4768259a26 France d28d95c6-8215-4a74-8e0f-4223e91c046b Poland f02cf994-264f-41c9-8548-f881fbc78872 Italy 0f70f750-7dd6-43e8-a755-b22664d29d85 Germany 422732c1-3b5e-4341-814d-723fc58bf1a7 Denmark f0b9c38b-1996-4345-b7f9-995c5fbab166 Norway 61d8de7f-f593-4f75-b1b7-e38d1279c7dc Belgium 618592db-06c9-4248-b219-98433bdfc52b Hungary 053e969a-98d4-4ef7-abff-948e70911e1e Spain f27a448f-f059-492b-8222-9a4df698a392 Belgium
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads	
Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301089M0204
Mechanical Drawings	OT160G4_model.igs
Environmental Product Declaration - EPD	1SCC301281D0201

Environmental	
Degree of Protection	Front IP20
Environmental Information	1SCC301267D0201
Pollution Degree	3

Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country or Territory of	Finland

Origin

Dimensions

Product Net Width	150 mm
Product Net Height	130 mm
Product Net Depth / Length	73 mm
Product Net Weight	1.2 kg

Container Information

Package Level 1 Units	box 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	1.3 kg 2.8 lb
Package Level 1 EAN	6417019638713

Technical

Cable Cross-Section	Cu 10 ... 70 mm ²
Conventional Free-air Thermal Current (I _{th})	Θ = 40 °C 160 A
Conventional Thermal Current (I _{the})	Fully Enclosed 160 A
Degree of Protection	Front IP20
Distance Between Phases	Standard
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function
Handle Color	Black
Handle Type	Handle and shaft included
Mechanical Durability	20000
Mounting Type	Base mounting
Number of Poles	4P
Operating Mode	Front and side operated
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 6.5 W
Rated Conditional Short-Circuit Current (I _{nc})	(200 A fuse, 500 V) 100 kA (200 A fuse, 690 V) 50 kA
Rated Impulse Withstand Voltage (U _{imp})	12 kV
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 1000 V
Rated Operational Current AC-21A (I _e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational	(380 ... 415 V) 160 A

Current AC-22A (I _e)	(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
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I _{cm})	(690 V) 12 kA
Rated Short-time Withstand Current Low Voltage (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 04 (Left Side)
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 6 N·m

Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Ampere Rating	125 A
Horsepower Rating UL/CSA	(240 V AC) Single Phase 20 Hp (440 ... 480 V AC) Single Phase 30 Hp
Tightening Torque	acc. IEC 60947-1 6 N·m
Tightening Torque UL/CSA	53 in·lb

Certificates and Declarations

A2L Certificate – IEC	1SCC301336D0201
ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301210D2701
DNV GL Certificate	1SCC301174D0204
UL Certificate	cULus certificate OT160G
VDE Certificate	No certification needed

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnecter (low voltage)
ETIM 10	EC000216 - Switch disconnecter (AC)
UNSPSC	39122233
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3638770
E-Number (Norway)	4372125
E-Number (Sweden)	3171061

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

