PRODUCT-DETAILS

OT160G03KL

OT160G03KL SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT160G03KL
Product ID	1SCA150028R1001
EAN	6417019801087
Catalog Description	OT160G03KL SWITCH-DISCONNECTOR
Long Description	OT160G03KL SWITCH-DISCONNECTOR

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

© 2025 ABB. All rights reserved.

RoHS Declaration	1SCC011020D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	0489f327-b595-4df3-9792-66445bbd404f Finland
Simplified SCIP	c5295818-7f84-47a7-b591-d3b6f66bd225 Germany 002c881a-c1c9-4143-909b-1dd47d379858 Sweden 8e704c19-c27c-4757-a976-fc63a2614235 Germany 9c05025b-2325-4718-a7be-af1560a6745a Germany 649f8674-44dc-46eb-8709-cfa6635ee012 Poland e3bff424-0d0e-4304-bece-d01bb1625b8c Czech Republic f61a555f-6651-4ef6-a601-eeb55fbbcf87 Greece af4f9bd1-26cd-483f-a9b3-0bb165388e52 Croatia 98bb2603-9e78-4745-b131-45d900da7ea2 Portugal aa141de4-3c43-4289-a124-2a50fd68e7aa Bulgaria 3a8c410a-c267-4943-8295-31642ea37e1e Sweden a3092ddb-47b0-477a-9b50-48292af5677f Estonia e58fcbdf-b974-4589-9fd3-c3253399f7e3 Hungary e408d0a2-c02a-42dd-a8d2-701aa8ebd73c Poland bfc64da6-2e00-4265-94a4-e20b06380960 Netherlands ba16e612-9096-447e-9187-5c762318effc France 5edd575f-b101-4d79-b1df-75a9b0005ee5 Poland af966162-a175-4a36-89a3-2f5792347ceb Italy 3f061bf3-5239-47bf-82c1-2b9c1d8948c6 Germany e6bded08-eb9c-4cb8-93c0-11a27dc184c5 Belgium fb52ba5d-5729-4399-a51a-ff7710168d04 Germany a883acd5-4e2a-49ca-be60-469941f22356 Denmark 8dabe47d-8cc5-47e4-9145-df6749913f44 Norway bbedfa39-f412-4613-87a9-3761ef5c7a74 Belgium 236dac73-d1f9-4b08-9f81-ad428eee57b4 Spain 5d88d74c-37c9-4be1-9a7a-db09dcc38775 Hungary 8092f0c3-40da-4614-9f0f-0238da6cdeed France
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301089M0204
Mechanical Drawings	OT160G03KL_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 Origin	Finland

Dimensions

Product Net Width	123 mm
Product Net Height	130 mm
Product Net Depth / Length	73 mm
Product Net Weight	0.8 kg

© 2025 ABB. All rights reserved.

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	0.9 kg 2 lb
Package Level 1 EAN	6417019801087

Technical

Cable Cross-Section	Cu 10 ... 70 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Degree of Protection	Front IP20
Handle Color	Black
Handle Type	Handle and shaft not included
Mechanical Durability	20000
Mounting Type	Base mounting
Number of Poles	3P
Pollution Degree	3
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)	(690 V) 160 A (690 V) 380415V;160 A (690 V) 500V;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
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
Standards	IEC 60947-3 / UL 98 / CSA C22.2 NO.4
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

© 2025 ABB. All rights reserved.

Certificates and Declarations

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

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5293 >> Switch disconnector
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



© 2025 ABB. All rights reserved.