PRODUCT-DETAILS

OS100GJ03P

OS100GJ03P FUSIBLE DISCONNECT SWITCH



General Information

Extended Product Type	OS100GJ03P
Product ID	1SCA114639R1001
EAN	6417019470603
Catalog Description	OS100GJ03P FUSIBLE DISCONNECT SWITCH
Long Description	Switch Fuses,Front Operated,3-pole,03 (Left Side),Class J,100 A,Handle and shaft included,

ABB EcoSolutions

End of Life Instructions	1SCC311047M0201
Environmental Product Declaration - EPD	1SCC311196D0201
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

Material Compliance

Conflict Minerals	9AKK108467A5658

© 2024 ABB. All rights reserved.

Reporting Template (CMRT)	
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	cd41ec4c-cf08-4162-b4f3-460daaacfef4 Finland (FI)
Simplified SCIP	c12d1b3d-77ba-4a7f-8591-c077fdcd1858 Germany (DE) 841e5a28-d24d-4cfe-9f45-6bca282c3422 Sweden (SE) f46a3f0c-a537-497f-9d52-a5f289c3f67d Poland (PL) 3a65c31f-a552-44f3-9ef3-cf4b8c66deba Portugal (PT) 6e55d006-62ae-41b6-adc9-b5c75381af3a Germany (DE) 2cf7b615-6f24-48cc-81da-fde3b22b1e88 Bulgaria (BG) d0092ebc-0a8c-47f4-8be6-b8d6884f21e3 Greece (GR) a4f8dbd7-0974-4924-8016-ddc69fb81182 Estonia (EE) 75398b68-7894-4a19-b209-093bb1a5b316 Italy (IT) 77b72310-ed16-4138-82a4-79429d8920ad Poland (PL) 53903b0a-e765-4044-928a-5ed3eae7a25d Netherlands (NL) 18e0997a-c307-4b3d-8e4e-5b21afaa2145 Poland (PL) 45fae051-d52e-45c2-ae85-3c442829adfb Sweden (SE) 94baf4ea-622a-4d88-87c4-c0fac1cd82ad France (FR) 7ef1b16d-54ec-4ab4-8335-9fc517da4f0e Belgium (BE) b286ed76-2e28-401d-a91d-f6b29a117b6e Spain (ES) cf8019a1-579c-4cf5-a83b-d535f2c4220f Hungary (HU) df56a300-133e-4d59-bcba-8580620df0bf Germany (DE) 24a3589e-ee1b-45e3-9b73-927b4078e18d Denmark (DK) 18bb0aed-6128-4759-ade8-17979521fd80 Croatia (HR) 6064cf25-391d-41df-bbcd-d24b45409340 Czech Republic (CZ) 177bf993-ffee-4ac3-8d3a-1ae859a22970 France (FR) b6cd9893-8972-4b7c-8922-a09134f18965 Belgium (BE) 1eada7ad-e0b1-41e9-8b99-bb75ec71c0bf Norway (NO) 361d623a-6810-4afa-a578-fd1c13e91a04 Hungary (HU) 85575df8-c9b5-4e61-81b0-b33b20a6fcdd Germany (DE) d021d670-fb66-4f1c-b4ce-d5d843197ff8 Germany (DE)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311037M0206
Mechanical Drawings	OS100GJ03.igs
Environmental Product Declaration - EPD	1SCC311196D0201
End of Life Instructions	1SCC311047M0201

Environmental

Pollution Degree	3

Ordering

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

Dimensions

© 2024 ABB. All rights reserved.

Product Net Width	147 mm
Product Net Height	172 mm
Product Net Depth / Length	105 mm
Product Net Weight	2 kg 4.41 lb

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	192 mm 7.56 in
Package Level 1 Depth / Length	242 mm 9.53 in
Package Level 1 Height	159 mm 6.26 in
Package Level 1 Gross Weight	2.245 kg 4.95 lb
Package Level 1 EAN	6417019470603

Technical

Cable Cross-Section	2.5 ... 25 mm²
Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 160 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Fuse Size	100 A
Fuse System	Class J
Handle Type	Pistol handle and shaft included
Mounting Type	Base mounting
Number of Poles	3P
Operating Mode	Front Operated
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 9 W
Rated Conditional Short-Circuit Current (I_{nc})	(690 V) 80 kA
Rated Current (I_n)	Main Circuit 100 A
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Current AC-21A (I_e)	(500 V) 100 A (690 V) 100 A
Rated Operational Current AC-22A (I_e)	(500 V) 100 A (690 V) 100 A
Rated Operational Current AC-23A (I_e)	(500 V) 100 A (690 V) 100 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 45 kW (400 V) 75 kW (415 V) 75 kW (500 V) 90 kW (690 V) 132 kW
Rated Operational Voltage	Main Circuit 600 V AC

© 2024 ABB. All rights reserved.

Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 5 kiloampere rms
Standards	UL98 IEC 60947-3
Switches Operating Mechanism	03 (Left Side)
Terminal Type	Lug terminals
Terminal Width	20 mm
Tightening Torque	15 ... 22 N·m

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC Main Circuit 250 V DC
Ampere Rating	100 A
Horsepower Rating UL/CSA	(acc. to UL 240 V) 30 Hp (acc. to UL 480 V) 60 Hp (acc. to UL 600 V) 75 Hp
Tightening Torque	15 ... 22 N·m
Tightening Torque UL/CSA	Wire-Clamp 120 in·lb Cable Lug 50 in·lb

Certificates and Declarations

A2L Certificate – IEC	1SCC311209D0201
ATEX Certificate	No certification needed
CCC Certificate	CCC OS100-160G_ 2015.pdf
Declaration of Conformity - CE	1SCC311137D2703
DNV GL Certificate	1SCC311125D0203
UL Certificate	cULus certificate OS100GJ_

Classifications

Object Classification Code	Q
ETIM 8	EC001040 - Fuse switch disconnector
ETIM 9	EC001040 - Fuse switch disconnector
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5291 >> Fuse switch disconnector
eClass	V11.1 : 27371401
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

© 2024 ABB. All rights reserved.

Categories

Low Voltage Products and Systems → Switches → Switch Fuses



© 2024 ABB. All rights reserved.