PRODUCT-DETAILS

OS60GJ03P

OS60GJ03P FUSIBLE DISCONNECT SWITCH



General Information

Extended Product Type	OS60GJ03P
Product ID	1SCA115443R1001
EAN	6417019478012
Catalog Description	OS60GJ03P FUSIBLE DISCONNECT SWITCH
Long Description	Switch Fuses,Front Operated,3-pole,03 (Left Side),Class J,60 A,Handle and shaft included,

ABB EcoSolutions

Environmental Product Declaration - EPD	1SCC311195D0201
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

Material Compliance

Conflict Minerals Reporting Template	9AKK108467A5658

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(CMRT)	
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	6d78c6cc-d538-4f6b-adef-8e473812f1b8 Finland (FI)
Simplified SCIP	e921c804-814d-49e9-8643-da109a59f13f Germany (DE) 2a0109b5-d021-4290-95b8-0e5d347a8809 Belgium (BE) 5667af9d-b402-4281-a800-03720786191d Norway (NO) 9e2a38d9-da43-4f4c-ad6d-5af02ad02ee1 Italy (IT) f3ae4e7f-84cd-4bbe-8058-60c820cea830 Sweden (SE) 66927e46-bddf-403f-ae59-0b74fbd1fd96 Poland (PL) 646e406b-f281-4072-9f22-fa50f3683a63 Poland (PL) 034887d0-1322-4cee-a86d-c2288f1694b9 Belgium (BE) 28e1bb43-120d-4130-8bd0-2b6b5eeec76a Spain (ES) c03142d6-7e7b-4ef8-ae94-ea617712f721 Hungary (HU) 6b58d017-eef9-47a7-8533-fab5cad660e8 Germany (DE) b86ec3b3-042d-4ab0-9b76-7e8e3cc4f35e Greece (GR) 775290b1-dd8d-4d75-a1f2-b2ba12bba156 Estonia (EE) 45586f96-fd5e-45bc-9735-d3fb3f90dc76 Bulgaria (BG) 7c53fa8c-c5da-4518-9b23-572f51fb770b Portugal (PT) 5efa1b17-14c1-4913-a4c6-9cac057d71ac Sweden (SE) 926aad81-4449-4ca2-aef9-2c82236510e3 France (FR) 44546846-e200-482f-a31c-ecf86c331730 Czech Republic (CZ) e9b8136a-42a9-4032-8c0d-c63ea0d9ef78 Denmark (DK) 65c67fb4-9772-49ec-9f21-32485c781a74 Croatia (HR) e3e152e2-adce-4280-a58c-d0113c5b9105 Hungary (HU) a3721a1c-b048-43d2-8a8f-b8a25965e1f9 Poland (PL) ef699f1b-4163-4fd1-8b3f-9e93c883f61c Netherlands (NL) ef97c5a8-3ac5-4992-baec-6754171f8253 Germany (DE) 1647656a-9a16-4970-b2d7-75e9e46a2f9a Germany (DE) e9ffe431-b383-4344-9712-801dee7fd19b France (FR) 152f05af-1094-4337-a142-d0a6bdaf31e9 Germany (DE)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311036M0212
Mechanical Drawings	OS60GJ03.igs
Environmental Product Declaration - EPD	1SCC311195D0201

Environmental

Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	145 mm
Product Net Height	112 mm

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Product Net Depth / Length	118 mm
Product Net Weight	1.3 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm 6.7 in
Package Level 1 Depth / Length	220 mm 8.7 in
Package Level 1 Height	150 mm 5.9 in
Package Level 1 Gross Weight	1.45 kg 3.2 lb
Package Level 1 EAN	6417019478012

Technical

Cable Cross-Section	2.5 ... 25 mm²
Connecting Capacity	Stranded 2.5 … 25 mm² Flexible 2.5 … 25 mm²
Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 63 A
Conventional Thermal Current (I_{the})	Fully Enclosed 63 A
Fuse Size	60 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 4 W
Rated Conditional Short-Circuit Current (I_{nc})	(690 V) 80 kA
Rated Current (I_n)	Main Circuit 60 A
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Current AC-21A (I_e)	(500 V) 60 A (690 V) 60 A
Rated Operational Current AC-22A (I_e)	(500 V) 60 A (690 V) 60 A
Rated Operational Current AC-23A (I_e)	(500 V) 60 A (690 V) 60 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 18.5 kW (400 V) 30 kW (415 V) 30 kW (500 V) 37 kW (690 V) 55 kW
Rated Operational Voltage	Main Circuit 600 V AC
Rated Short-time	for 1 s 2.5 kiloampere rms

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Withstand Current Low Voltage (I_{cw})	
Standards	UL98 IEC 60947-3
Switches Operating Mechanism	03 (Left Side)
Terminal Type	Screw Terminals
Tightening Torque	3 N·m 4 N·m
Wire Stripping Length	Main Circuit 12 mm Main Circuit 0.47 in

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC Main Circuit 250 V DC
Ampere Rating	60 A
Horsepower Rating UL/CSA	(acc. to UL 240 V) 15 Hp (acc. to UL 480 V) 30 Hp (acc. to UL 600 V) 50 Hp
Wire Stripping Length	Main Circuit 12 mm Main Circuit 0.47 in
Tightening Torque	3 N·m 4 N·m
Tightening Torque UL/CSA	Wire-Clamp 30 in·lb Wire-Clamp 35 in·lb

Certificates and Declarations

A2L Certificate – IEC	1SCC311208D0201
ATEX Certificate	No certification needed
CCC Certificate	CCC OS32-63G_ 2016.pdf
Declaration of Conformity - CE	1SCC311136D2703
DNV GL Certificate	1SCC311125D0203
UL Certificate	cULus certificate OS60GJ_

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)

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Categories

Low Voltage Products and Systems → Switches → Switch Fuses



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