PRODUCT-DETAILS

OS160GD02P

OS160GD02P SWITCH FUSE



General Information

Extended Product Type	OS160GD02P
Product ID	1SCA116717R1001
EAN	6417019488042
Catalog Description	OS160GD02P SWITCH FUSE
Long Description	Switch-disconnector fuse, 160A, 2-pole, DIN,000/00, front operated, handle and shaft included.

ABB EcoSolutions

ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	1SCC311047M0201
Environmental Product Declaration - EPD	1SCC311196D0201

Material Compliance

Conflict Minerals Reporting Template	9AKK108467A5658

© 2025 ABB. All rights reserved.

(CMRT)	
REACH Declaration	1SCC011021D0201
RoHS Declaration	1SCC011020D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	f6843655-08b9-4d08-a042-77550b2111ac Finland
Simplified SCIP	d2417185-19c6-43ea-b8a0-4817762edaeb Germany 99a11aeb-35cb-4e81-a81d-9734f2e234f3 Greece 6559b40d-a6fa-4848-81bc-e9c6c1244563 Portugal 56be32db-2719-401f-a867-39c37921b540 Norway 62f86e93-a6f9-41d0-8bfb-785b5c59fda4 Italy c01a244e-4554-4d6c-b8da-e43e63103811 Croatia 4f46b45b-3dbf-45f1-ac73-f2188b207a80 Poland 77a2f53f-be4f-4ef3-9be8-0b7616b9c55a Bulgaria 48bae954-23ba-402c-a5d3-9350e86043c2 Sweden 3f7be1fa-9434-46d0-ac39-c9bc185b65bd Estonia f309f7c7-1351-402f-95a4-aef7205eb757 Germany bc0693c2-73c2-4281-a39a-0f26c56853f8 France ba014e39-6174-40c4-af24-d6c964f4182d Spain a23bf1b2-e280-4001-a45c-46dfca42e9d8 Belgium 4016b0b4-3bb3-4c77-9337-900b0c2a802d Hungary 2315e2c7-b6c8-4232-9fbf-a67bac8af40d Czech Republic e8a85b53-8bcb-4b3b-a197-28978811846f Denmark f4f9fbbb-5fd3-46fc-9756-c0dfe845207d Germany 4fd55981-4b01-42ee-9a4e-ae2784d85fd0 Poland ed4d6399-4bcc-40b0-98be-85d37d00e76b France 5bf42a67-19e4-4a8f-90e3-2040f224b714 Germany caef37bb-8415-4f46-9648-56f7822cc2f7 Belgium 0c63d9b5-4826-4202-9be3-7eec8417c8d5 Hungary 63333776-6965-4bd8-b051-5e932776ee00 Germany 4a7ecfe5-3dd1-4098-8c1d-6aa40c4ea98e Netherlands a63e9c77-f157-41ac-882a-50aaf706bb84 Poland 2da7fa67-9ceb-4d67-9872-f64d1f97de92 Sweden
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311037M0206
Mechanical Drawings	OS160GD_F_02.igs
Environmental Product Declaration - EPD	1SCC311196D0201

Environmental

Degree of Protection	acc. to IEC 60529 IP20
Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	112 mm
Product Net Height	140 mm
Product Net Depth / Length	130 mm
Product Net Weight	1.5 kg 3.31 lb

© 2025 ABB. All rights reserved.

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm 6.7 in
Package Level 1 Depth / Length	190 mm 7.5 in
Package Level 1 Height	145 mm 5.7 in
Package Level 1 Gross Weight	1.6 kg 3.6 lb
Package Level 1 EAN	6417019488042

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 160 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Degree of Protection	acc. to IEC 60529 IP20
Fuse Size	NH000 NH00
Fuse System	DIN
Handle Type	Pistol handle
Mounting Type	Base mounting
Number of Poles	2P
Operating Mode	Front
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Power Loss	at Rated Current 8 W
Rated Conditional Short-Circuit Current (I_{nc})	(500 V) 100 kA (690 V) 80 kA
Rated Current (I_n)	Main Circuit 160 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) 160 A (690 V) 160 A
Rated Operational Current AC-22A (I_e)	(500 V) 160 A (690 V) 160 A
Rated Operational Current AC-23A (I_e)	(500 V) 160 A (690 V) 160 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 690 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 5 kiloampere rms
Standards	IEC 60947-3
Switches Operating Mechanism	02 (Left Side)
Terminal Type	Lug terminals
Terminal Width	20 mm
Tightening Torque	15 … 22 N·m

© 2025 ABB. All rights reserved.

Technical UL/CSA

Tightening Torque	15 … 22 N·m

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	No certification needed

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC001040 - Fuse switch disconnector
ETIM 10	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)

Categories

Low Voltage Products and Systems → Switches → Switch Fuses



© 2025 ABB. All rights reserved.