PRODUCT-DETAILS

OS160GD04FP

OS160GD04FP SWITCH FUSE



General Information

Extended Product Type	OS160GD04FP
Product ID	1SCA115402R1001
EAN	6417019477749
Catalog Description	OS160GD04FP SWITCH FUSE
Long Description	Switch-disconnector fuse, 160A, 4-pole, DIN,000/00, front operated, switched fusible fourth pole, 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

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Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Declaration	1SCC011020D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	de9970c0-1917-4748-9b34-36ade19674a4 Finland
Simplified SCIP	a6656f31-c214-4acc-b80a-6b76948c3e0f Germany 934fcc10-d89f-4a1e-8d1a-cb88e9a45696 Portugal 6bae9ea9-208b-47e4-acdd-40d721ce5702 Germany 71d03de0-cd37-4a98-a1e4-02d6000e04d4 Greece b81712d4-a50b-47f3-aba0-79cf2a23f3b8 Estonia 04b4319c-77bc-4e73-9260-92e76f7c2966 Norway 326464f0-0430-4dfb-8d62-96d6d4c92139 Belgium 655106e8-310c-4273-abc5-65c768a20687 Italy 02f53582-7a66-4ffb-a75c-3beefb27b21a Poland 161be185-4d92-4bb1-9a3a-546c9adc6eb1 Poland e7842fdf-ef53-430d-8f21-070d645fed7c Sweden ce2f1897-c587-445b-ad72-e66529c3de88 Poland 2d569fd1-99f3-4da5-84e3-791c94d17edd France 7c7f38a3-414d-44b7-a600-02e2374b0da6 Sweden 342e7863-1877-493c-98d3-a5f80d50bfd1 Hungary 400a0ba4-b8ec-450a-9f33-ed4a420866a4 Bulgaria 24e56ec7-6b86-4aa4-8a6b-96d94985198b Czech Republic a3f21c32-3963-4ec3-9207-5beaf6ceb872 Germany a9c1ace7-18c7-4de6-a0ae-ae42446046e7 Denmark ef1ab22b-94b6-4062-81cc-ae4e8bbfa3e2 Croatia 91e616fd-788f-4f1a-9601-1014db473a8c France d6791ee6-f5c0-4294-98ea-ee12873d841c Netherlands 53188232-8cf4-49af-a074-ee55893316f7 Germany d3babb28-5203-46eb-ab43-89055bf4618e Hungary 073b0fdd-4e97-4390-886f-7fce8d8e1dc1 Spain a707706b-7ace-4933-b8c9-8ad5ec4c95ac Belgium 0852ca3d-e096-4434-9679-26c1151c69da Germany
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311037M0206
Mechanical Drawings	OS160GD_F_04.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

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Dimensions

Product Net Width	182 mm
Product Net Height	140 mm
Product Net Depth / Length	130 mm
Product Net Weight	2.6 kg 5.73 lb

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm 6.7 in
Package Level 1 Depth / Length	250 mm 9.8 in
Package Level 1 Height	155 mm 6.1 in
Package Level 1 Gross Weight	2.8 kg 6.1 lb
Package Level 1 EAN	6417019477749

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
Fourth Pole Type	Switched - Fusible Pole
Fuse Size	NH000 NH00
Fuse System	DIN
Handle Type	Pistol handle
Mounting Type	Base mounting
Number of Poles	4P
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

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	(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	04 (Left Side)
Terminal Type	Lug terminals
Terminal Width	20 mm
Tightening Torque	15 … 22 N·m

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)
E-Number (Finland)	3660347

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Categories

Low Voltage Products and Systems → Switches → Switch Fuses



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