PRODUCT-DETAILS

OS800L03P

OS800L03P FUSIBLE DISCONNECT SWITCH



General Information

Extended Product Type	OS800L03P
Product ID	1SCA022825R9920
EAN	6417019284149
Catalog Description	OS800L03P FUSIBLE DISCONNECT SWITCH
Long Description	Switch Fuses,Front Operated,3-pole,03 (Left Side),Class L,800 A,Handle and shaft included,

ABB EcoSolutions

Environmental Product Declaration - EPD	1SCC311202D0201
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
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311016M0210
Mechanical Drawings	OS600J03.stp
Environmental Product Declaration - EPD	1SCC311202D0201

Environmental

Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	343 mm
Product Net Height	306 mm
Product Net Depth / Length	233 mm
Product Net Weight	13.6 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	328 mm
Package Level 1 Depth / Length	365 mm
Package Level 1 Height	260 mm
Package Level 1 Gross Weight	13.6 kg
Package Level 1 EAN	6417019284149

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 800 A
Conventional Thermal Current (I_{the})	Fully Enclosed 720 A
Fuse Size	800 A

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Fuse System	Class L
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 75 W
Rated Conditional Short-Circuit Current (I_{nc})	(690 V) 80 kA
Rated Current (I_n)	Main Circuit 800 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) 800 A (690 V) 800 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 250 kW (400 V) 450 kW (415 V) 450 kW (500 V) 560 kW (690 V) 710 kW
Rated Operational Voltage	Main Circuit 600 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 18 kiloampere rms
Standards	UL98 IEC 60947-3
Switches Operating Mechanism	03 (Left Side)
Terminal Type	Lug terminals
Terminal Width	39 mm
Tightening Torque	50 … 75 N·m

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC Main Circuit 250 V DC
Ampere Rating	800 A
Horsepower Rating UL/CSA	(acc. to UL 240 V) 250 Hp (acc. to UL 480 V) 500 Hp (acc. to UL 600 V) 500 Hp
Tightening Torque	50 … 75 N·m
Tightening Torque UL/CSA	Wire-Clamp 500 in·lb Cable Lug 480 in·lb

Certificates and Declarations

A2L Certificate – IEC	1SCC311209D0201

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ATEX Certificate	No certification needed
CCC Certificate	CCC OS630-800 2016
Declaration of Conformity - CE	1SCC311112D2704
DNV GL Certificate	1SCC311131D0203
UL Certificate	cULus certificate OS600-800

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)

Categories

Low Voltage Products and Systems → Switches → Switch Fuses



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