



PRODUCT-DETAILS

OS800D03  
OS800D03 SWITCH FUSE



General Information	
Extended Product Type	OS800D03
Product ID	1SCA022825R4700
EAN	6417019283630
Catalog Description	OS800D03 SWITCH FUSE
Long Description	Switch Fuses,Front Operated,3-pole,03 (Left Side),DIN,3,Handle and shaft not included,

ABB EcoSolutions	
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Environmental Information	1SCC311002D0201
Environmental Product Declaration - EPD	1SCC311202D0201

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
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

Environmental Information	1SCC311002D0201
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 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 kg
Package Level 1 EAN	6417019283630

Technical

Conventional Free-air	Θ = 40 °C 800 A
-----------------------	-----------------

Thermal Current ( $I_{th}$ )	
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 720 A
Fuse Size	NH3
Fuse System	DIN
Handle Type	Handle and shaft not 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 690 V AC
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 18 kiloampere rms
Standards	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

Tightening Torque	50 ... 75 N·m
-------------------	---------------

## Certificates and Declarations

A2L Certificate – IEC	1SCC311209D0201
ATEX Certificate	No certification needed
CCC Certificate	CCC OS630-800 2016
Declaration of Conformity - CE	1SCC311112D2704

DNV GL Certificate	1SCC311131D0203
UL Certificate	No certification needed

External Classifications and Standards	
Object Classification Code	Q
ETIM 8	EC001040 - Fuse switch disconnecter
ETIM 9	EC001040 - Fuse switch disconnecter
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5291 >> Fuse switch disconnecter
eClass	V11.1 : 27371401
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3661172

### Categories

Low Voltage Products and Systems → Switches → Switch Fuses

