



PRODUCT-DETAILS

# OS400J02

## OS400J02 FUSIBLE DISCONNECT SWITCH



General Information	
Extended Product Type	OS400J02
Product ID	1SCA107592R1001
EAN	6417019410692
Catalog Description	OS400J02 FUSIBLE DISCONNECT SWITCH
Long Description	Switch Fuses,Front Operated,2-pole,02 (Left Side),Class J,400 A,Handle and shaft not included.

ABB EcoSolutions	
ABB Site Meeting Group	UL 2799 Zero Waste To Landfill Validation available
Waste To Landfill Target	
End Of Life Disassembling Instructions	1SCC311050M0201
Environmental Product Declaration - EPD	1SCC311198D0201

Material Compliance	
Conflict Minerals Reporting Template	9AKK108467A5658

(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	1SCC311015M0215
Mechanical Drawings	OS400J02.igs
Environmental Product Declaration - EPD	1SCC311198D0201

## Environmental

Pollution Degree	3
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## Ordering

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

## Dimensions

Product Net Width	191 mm
Product Net Height	230 mm
Product Net Depth / Length	176 mm
Product Net Weight	5,6 kg

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	240 mm
Package Level 1 Depth / Length	270 mm
Package Level 1 Height	206 mm
Package Level 1 Gross Weight	4.97 kg
Package Level 1 EAN	6417019410692

## Technical

Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ }^{\circ}\text{C}$ 400 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 400 A
Fuse Size	400 A
Fuse System	Class J
Handle Type	Handle and shaft not included
Mounting Type	Base mounting
Number of Poles	2P

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 30 W
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(690 V) 80 kA
Rated Current ( $I_n$ )	Main Circuit 400 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) 400 A (690 V) 400 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 400 A (500 V) 400 A (690 V) 400 A
Rated Operational Power AC-23A ( $P_e$ )	(220 ... 240 V) 132 kW (400 V) 220 kW (415 V) 230 kW (500 V) 280 kW (690 V) 400 kW
Rated Operational Voltage	Main Circuit 600 V AC
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 14 kiloampere rms
Standards	UL98 IEC 60947-3
Switches Operating Mechanism	02 (Left Side)
Terminal Type	Lug terminals
Terminal Width	25 mm
Tightening Torque	30 ... 44 N·m

## Technical UL/CSA

Ampere Rating	400 A
Horsepower Rating UL/CSA	(acc. to UL 240 V) 125 Hp (acc. to UL 480 V) 250 Hp (acc. to UL 600 V) 350 Hp
Tightening Torque	30 ... 44 N·m
Tightening Torque UL/CSA	Wire-Clamp 375 in·lb Cable Lug 240 in·lb

## Certificates and Declarations

A2L Certificate - IEC	1SCC311209D0201
ATEX Certificate	No certification needed
CCC Certificate	CCC OS315-400 2016
Declaration of Conformity - CE	1SCC311099D2704
DNV GL Certificate	1SCC311131D0203
UL Certificate	cULus certificate OS400

## 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)

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## Categories

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Low Voltage Products and Systems → Switches → Switch Fuses

