



PRODUCT-DETAILS

# OS600J02

## OS600J02 FUSIBLE DISCONNECT SWITCH



General Information	
Extended Product Type	OS600J02
Product ID	1SCA107593R1001
EAN	6417019410807
Catalog Description	OS600J02 FUSIBLE DISCONNECT SWITCH
Long Description	Switch Fuses,Front Operated,2-pole,02 (Left Side),Class J,600 A,Handle and shaft not included,

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

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	1SCC311016M0210
Environmental Product Declaration - EPD	1SCC311202D0201

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	255 mm
Product Net Height	306 mm
Product Net Depth / Length	233 mm
Product Net Weight	10.06 kg 22.18 lb

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	328 mm 12.91 in
Package Level 1 Depth / Length	365 mm 14.37 in
Package Level 1 Height	260 mm 10.24 in
Package Level 1 Gross Weight	11.04 kg 24.34 lb
Package Level 1 EAN	6417019410807

Technical

Conventional Free-air Thermal Current (I <sub>th</sub> )	Θ = 40 °C 630 A
Conventional Thermal Current (I <sub>the</sub> )	Fully Enclosed 570 A

Fuse Size	600 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 46 W
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(690 V) 80 kA
Rated Current ( $I_n$ )	Main Circuit 600 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) 630 A (690 V) 630 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 630 A (500 V) 630 A (690 V) 630 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 630 A (500 V) 630 A (690 V) 630 A
Rated Operational Power AC-23A ( $P_e$ )	(220 ... 240 V) 200 kW (400 V) 355 kW (415 V) 355 kW (500 V) 450 kW (690 V) 630 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	02 (Left Side)
Terminal Type	Lug terminals
Terminal Width	39 mm
Tightening Torque	50 ... 75 N·m

## Technical UL/CSA

Ampere Rating	600 A
Horsepower Rating UL/CSA	(acc. to UL 240 V) 200 Hp (acc. to UL 480 V) 400 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
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

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)

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

