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 PRODUCT-DETAILS

# OS630D04F

## OS630D04F SWITCH FUSE




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**General Information**

Extended Product Type	OS630D04F
Product ID	1SCA022825R4530
EAN	6417019283616
Catalog Description	OS630D04F SWITCH FUSE
Long Description	Switch Fuses,Front Operated,4-pole,04 (Left Side),DIN,3,Handle and shaft not included,Switched - Fusible Pole

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**ABB EcoSolutions**

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

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**Material Compliance**

Conflict Minerals Reporting Template	9AKK108467A5658
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(CMRT)

REACH Declaration	1SCC011021D0201
RoHS Declaration	1SCC011020D0201
RoHS Information	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	os630-800d04f.stp
Environmental Product Declaration - EPD	1SCC311202D0201

## 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

## Dimensions

Product Net Width	431 mm
Product Net Height	306 mm
Product Net Depth / Length	233 mm
Product Net Weight	19.154 kg 42.23 lb

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	328 mm
Package Level 1 Depth / Length	453 mm
Package Level 1 Height	260 mm
Package Level 1 Gross Weight	20.074 kg 44.26 lb
Package Level 1 EAN	6417019283616

## Technical

Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ °C } 630\text{ A}$
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Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 570 A
Degree of Protection	acc. to IEC 60529 IP20
Fourth Pole Type	Switched - Fusible Pole
Fuse Size	NH3
Fuse System	DIN
Handle Type	Handle not included
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 Operating Conditions per Pole 46 W
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(500 V) 100 kA (690 V) 80 kA
Rated Current ( $I_n$ )	Main Circuit 630 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 Current AC-23B ( $I_e$ )	(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 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	04 (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
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## 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	No certification needed

## External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC001040 - Fuse switch disconnecter
ETIM 10	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

