PRODUCT-DETAILS

OS630D12K

OS630D12K SWITCH FUSE



General Information

Extended Product Type	OS630D12K
Product ID	1SCA111535R1001
EAN	6417019434643
Catalog Description	OS630D12K SWITCH FUSE
Long Description	Switch Fuses,Front Operated,3-pole,12 (Between the Poles),DIN,3,Direct mounted handle,

ABB EcoSolutions

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

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	os630-800d12k.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	414 mm
Product Net Height	306 mm
Product Net Depth / Length	233 mm
Product Net Weight	10 kg

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	310 mm
Package Level 1 Gross Weight	14.5 kg
Package Level 1 EAN	6417019434643

Technical

Cable Cross-Section	2.5 ... 25 mm^2
Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 630 A

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Conventional Thermal Current (I_{the})	Fully Enclosed 570 A
Degree of Protection	acc. to IEC 60529 IP20
Fuse Size	NH3
Fuse System	DIN
Handle Type	Direct mounted handle
Mounting Type	Base mounting
Number of Poles	3P
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 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	12 (Between the Poles)
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

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DNV GL Certificate	1SCC311131D0203
UL Certificate	No certification needed

External Classifications and Standards

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