PRODUCT-DETAILS

OS25FFS3010

OS25FFS3010 SWITCH FUSE



General Information

Extended Product Type	OS25FFS3010
Product ID	1SCA108639R1001
EAN	6417019419039
Catalog Description	OS25FFS3010 SWITCH FUSE
Long Description	Switch-disconnector fuse, 25A, 3-pole, NFC 10x38, side operated, handle and shaft included.

ABB EcoSolutions

Environmental Product Declaration - EPD	1SCC311204D0201

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201

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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	1SCC311030M0202
Environmental Product Declaration - EPD	1SCC311204D0201

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	Lithuania

Dimensions

Product Net Width	129 mm
Product Net Height	97 mm
Product Net Depth / Length	120 mm
Product Net Weight	0.7 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	240 mm
Package Level 1 Depth / Length	108 mm
Package Level 1 Height	130 mm
Package Level 1 Gross Weight	0.7 kg
Package Level 1 EAN	6417019419039

Technical

Cable Cross-Section	0.75 ... 10 mm²
Connecting Capacity	Stranded 0.75 … 10 mm² Flexible 0.75 … 10 mm²
Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 25 A
Conventional Thermal	Fully Enclosed 25 A

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Current (I_{the})	
Degree of Protection	acc. to IEC 60529 IP20
Fuse Size	10x38
Fuse System	NFC
Handle Type	Pistol handle
Mounting Type	Base mounting
Number of Poles	3P
Operating Mode	Side
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 1.3 W
Rated Conditional Short-Circuit Current (I_{nc})	(500 V) 100 kA (690 V) 80 kA
Rated Current (I_n)	Main Circuit 25 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) 25 A (690 V) 25 A
Rated Operational Current AC-22A (I_e)	(500 V) 25 A (690 V) 25 A
Rated Operational Current AC-23A (I_e)	(500 V) 25 A (690 V) 25 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 5.5 kW (400 V) 11 kW (415 V) 11 kW (500 V) 15 kW (690 V) 22 kW
Rated Operational Voltage	Main Circuit 690 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 1 kiloampere rms
Recommended Screw Driver	Main Circuit Slot
Standards	IEC 60947-3
Switches Operating Mechanism	30 (Right Side)
Terminal Type	Screw Terminals
Tightening Torque	2 N·m
Wire Stripping Length	Main Circuit 12...14 mm Main Circuit 0.47…0.55 in

Technical UL/CSA

Wire Stripping Length	Main Circuit 12...14 mm Main Circuit 0.47…0.55 in
Recommended Screw Driver	Main Circuit Slot
Tightening Torque	2 N·m

Certificates and Declarations

ATEX Certificate	No certification needed
Declaration of	1SCC311129D2702

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Conformity - CE	
DNV GL Certificate	1SCC311125D0203
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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