

PRODUCT-DETAILS

OS50GF12

OS50GF12 SWITCH FUSE



General Information

Extended Product Type	OS50GF12
Product ID	1SCA115552R1001
EAN	6417019478814
Catalog Description	OS50GF12 SWITCH FUSE
Long Description	Switch Fuses,Front Operated,3-pole,12 (Between the Poles),NFC,14x51,Handle and shaft not included,

Ordering

Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	1SCC311136D2703
Instructions and Manuals	1SCC311036M0212

Dimensions

Product Net Width	112 mm
Product Net Height	112 mm

Product Net Depth / Length	109 mm
Product Net Weight	1.25 kg 2.76 lb

Technical

Rated Operational Current AC-21A (I_e)	(500 V) 50 A (690 V) 50 A
Rated Operational Current AC-22A (I_e)	(500 V) 50 A (690 V) 50 A
Rated Operational Current AC-23A (I_e)	(500 V) 50 A (690 V) 50 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 11 kW (400 V) 22 kW (415 V) 22 kW (500 V) 30 kW (690 V) 37 kW
Conventional Free-air Thermal Current (I_{th})	q = 40 °C 50 A
Conventional Thermal Current (I_{the})	Fully Enclosed 50 A
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Voltage	500 V
Rated Short-time Withstand Current (I_{cw})	for 1 s 2.5 kiloampere rms
Rated Conditional Short-Circuit Current (I_{nc})	(690 V) 80 kA
Power Loss	at Rated Operating Conditions per Pole 7.5 W
Pollution Degree	3
Handle Type	Handle and shaft not included
Switches Operating Mechanism	12 (Between the Poles)
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Fuse Size	14x51
Fuse System	NFC
Operating Mode	Front Operated
Standards	IEC 60947-3
Mounting Type	Base mounting
Number of Poles	3
Cable Cross-Section	2.5 ... 25 mm ²
Terminal Type	Screw Terminals
Tightening Torque	3 N·m 4 N·m
Fuse Type	NFC

Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
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Certificates and Declarations (Document Number)

CCC Certificate	CCC OS32-63G_2016.pdf
Declaration of	1SCC311136D2703

Conformity - CE

DNV GL Certificate 1SCC311125D0203

EAC Certificate EAC
OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSM_p
f

Instructions and Manuals 1SCC311036M0212

RoHS Information 1SCC311136D2703

Container Information

Package Level 1 Units box 1 piece

Package Level 1 Width 170 mm
6.7 in

Package Level 1 Depth / Length 190 mm
7.5 in

Package Level 1 Height 145 mm
5.7 in

Package Level 1 Gross Weight 1.4 kg
3 lb

Package Level 1 EAN 6417019478814

Classifications

Object Classification Code Q

ETIM 4 EC001040 - Fuse switch disconnecter

ETIM 5 EC001040 - Fuse switch disconnecter

ETIM 6 EC001040 - Fuse switch disconnecter

ETIM 7 EC001040 - Fuse switch disconnecter

UNSPSC 39122233

WEEE Category 5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

