PRODUCT-DETAILS

OS1250DA12P

OS1250DA12P SWITCH FUSE



General Information

Extended Product Type	OS1250DA12P
Product ID	1SCA105241R1001
EAN	6417019395692
Catalog Description	OS1250DA12P SWITCH FUSE
Long Description	Switch-disconnector fuse, 1250A, 3-pole, DIN 4a, front operated, handle and shaft included.

ABB EcoSolutions

ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Environmental Product Declaration - EPD	1SCC311203D0201

Material Compliance

Conflict Minerals Reporting Template	9AKK108467A5658

© 2025 ABB. All rights reserved.

(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	1SCC311022M0207
Mechanical Drawings	OS1250DA12.stp
Environmental Product Declaration - EPD	1SCC311203D0201

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	432 mm
Product Net Height	356 mm
Product Net Depth / Length	371 mm
Product Net Weight	27.98 kg 61.69 lb

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	394 mm 15.51 in
Package Level 1 Depth / Length	534 mm 21.02 in
Package Level 1 Height	368 mm 14.49 in
Package Level 1 Gross Weight	30.23 kg 66.65 lb
Package Level 1 EAN	6417019395692

Technical

Conventional Free-air	Θ = 40 °C 1250 A

© 2025 ABB. All rights reserved.

Thermal Current (I_{th})	
Conventional Thermal Current (I_{the})	Fully Enclosed 1000 A
Degree of Protection	acc. to IEC 60529 IP20
Fuse Size	NH4a
Fuse System	DIN
Handle Type	Pistol 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 75 W
Rated Conditional Short-Circuit Current (I_{nc})	(500 V) 100 kA (690 V) 80 kA
Rated Current (I_n)	Main Circuit 1250 A
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 1250 A (500 V) 1250 A (690 V) 1250 A
Rated Operational Current AC-21B (I_e)	(500 V) 1250 A (690 V) 1250 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 1250 A
Rated Operational Current AC-22B (I_e)	(500 V) 1250 A (690 V) 1250 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 1000 A
Rated Operational Current AC-23B (I_e)	(500 V) 1000 A (690 V) 1000 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 315 kW (400 V) 560 kW (415 V) 560 kW (500 V) 710 kW (690 V) 1000 kW
Rated Operational Voltage	Main Circuit 690 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 40 kiloampere rms
Standards	IEC 60947-3
Switches Operating Mechanism	12 (Between the Poles)
Terminal Type	Lug terminals
Terminal Width	50 mm
Tightening Torque	50 ... 75 N·m

Technical UL/CSA

Tightening Torque	50 ... 75 N·m

Certificates and Declarations

© 2025 ABB. All rights reserved.

A2L Certificate – IEC	1SCC311210D0201
ATEX Certificate	No certification needed
CCC Certificate	CCC OS1200-1250 2015.pdf
Declaration of Conformity - CE	1SCC311127D2703
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)
E-Number (Finland)	3661011

Categories

Low Voltage Products and Systems → Switches → Switch Fuses



© 2025 ABB. All rights reserved.