PRODUCT-DETAILS

OS1250D22N2P

OS1250D22N2P SWITCH FUSE



General Information

Extended Product Type	OS1250D22N2P
Product ID	1SCA107933R1001
EAN	6417019413914
Catalog Description	OS1250D22N2P SWITCH FUSE
Long Description	Switch-disconnector fuse, 1250A, 4-pole, DIN 4, front operated, switched non-fusible fourth pole, 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	OS1250_D_B_22.igs
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	542 mm
Product Net Height	356 mm
Product Net Depth / Length	371 mm
Product Net Weight	35.485 kg 78.23 lb

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	394 mm 15.51 in
Package Level 1 Depth / Length	584 mm 22.99 in
Package Level 1 Height	385 mm 15.16 in
Package Level 1 Gross Weight	38.085 kg 83.96 lb
Package Level 1 EAN	6417019413914

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
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - With Solid Link
Fuse Size	NH4
Fuse System	DIN
Handle Type	Pistol handle
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 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	22 (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

© 2025 ABB. All rights reserved.

Certificates and Declarations

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	4. Large Equipment (Any External Dimension More Than 50 cm)
E-Number (Finland)	3661006

Categories

Low Voltage Products and Systems → Switches → Switch Fuses



© 2025 ABB. All rights reserved.