ABB

PRODUCT-DETAILS

OS1250DA04N2K
OS1250DA04N2K SWITCH FUSE

General Information

Extended Product Type	OS1250DA04N2K
Product ID	1SCA108721R1001
EAN	6417019419497
Catalog Description	OS1250DA04N2K SWITCH FUSE
Long Description	Switch Fuses,Front Operated,4-pole,04 (Left Side),DIN,4a,Direct mounted handle,Switched - With Solid Link

Circular Value

Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

Environmental Product Declaration - EPD	1SCC311203D0201

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	1SCC011025D0201

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311022M0207
Environmental Product Declaration - EPD	1SCC311203D0201

Dimensions

Product Net Width	539 mm
Product Net Height	356 mm
Product Net Depth / Length	294 mm
Product Net Weight	36.02 kg 79.41 lb

Technical

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
Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 1250 A
Conventional Thermal Current (I_{the})	Fully Enclosed 1000 A
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage	1000 V

(U$_i$)	
Rated Operational Voltage	Main Circuit 690 V AC
Rated Short-time Withstand Current Low Voltage (I$_{cw}$)	for 1 s 40 kiloampere rms
Rated Conditional Short-Circuit Current (I$_{nc}$)	(690 V) 80 kA
Power Loss	at Rated Operating Conditions per Pole 75 W
Pollution Degree	3
Handle Type	Direct mounted handle
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - With Solid Link
Switches Operating Mechanism	04 (Left Side)
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Fuse Size	NH4a
Fuse System	DIN
Operating Mode	Front Operated
Standards	IEC 60947-3
Mounting Type	Base mounting
Number of Poles	4
Cable Cross-Section	2.5 ... 25 mm²
Terminal Type	Lug terminals
Terminal Width	50 mm
Tightening Torque	50 ... 75 N·m
Rated Current (I$_n$)	Main Circuit 1250 A

Technical UL/CSA

Tightening Torque	50 ... 75 N·m

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

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	38.62 kg 85.14 lb
Package Level 1 EAN	6417019419497

Classifications

Object Classification Code	Q

ETIM 8	EC001040 - Fuse switch disconnector
ETIM 9	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)

Categories

Low Voltage Products and Systems → Switches → Switch Fuses