

PRODUCT-DETAILS

OS100GBS40N1

OS100GBS40N1 SWITCH FUSE



General Information

Extended Product Type	OS100GBS40N1
Product ID	1SCA116759R1001
EAN	6417019488431
Catalog Description	OS100GBS40N1 SWITCH FUSE
Long Description	Switch Fuses,Side Operated,4-pole,40 (Right Side),British Standard,A2-A4,Handle and shaft not included,Switched - With Solid Link

Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Environmental Product Declaration - EPD	1SCC311196D0201
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

Eco Transparency

Environmental Product Declaration - EPD	1SCC311196D0201
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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	1SCC311039M0205
Environmental Product Declaration - EPD	1SCC311196D0201

Dimensions

Product Net Width	217 mm
Product Net Height	140 mm
Product Net Depth / Length	127 mm
Product Net Weight	2.56 kg 5.64 lb

Technical

Rated Operational Current AC-21A (I_g)	(500 V) 100 A (690 V) 100 A
Rated Operational Current AC-22A (I_g)	(500 V) 100 A (690 V) 100 A
Rated Operational Current AC-23A (I_g)	(500 V) 100 A (690 V) 100 A
Rated Operational Power AC-23A (P_g)	(220 ... 240 V) 30 kW (400 V) 55 kW (415 V) 55 kW (500 V) 55 kW (690 V) 90 kW
Conventional Free-air Thermal Current (I_{th})	$\Theta = 40\text{ }^{\circ}\text{C}$ 100 A
Conventional Thermal Current (I_{the})	Fully Enclosed 100 A
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	1000 V

Rated Operational Voltage	Main Circuit 690 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 5 kiloampere rms
Rated Conditional Short-Circuit Current (I_{nc})	(690 V) 80 kA
Power Loss	at Rated Operating Conditions per Pole 12 W
Pollution Degree	3
Handle Type	Handle and shaft not included
Fourth Pole Position	Left Side
Fourth Pole Type	Switched - With Solid Link
Switches Operating Mechanism	40 (Right Side)
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Fuse Size	A2-A4
Fuse System	British Standard
Operating Mode	Side Operated
Standards	IEC 60947-3
Mounting Type	Base mounting
Number of Poles	4
Terminal Type	Lug terminals
Terminal Width	20 mm
Tightening Torque	15 ... 22 N·m
Rated Current (I_n)	Main Circuit 100 A

Technical UL/CSA

Tightening Torque	15 ... 22 N·m
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Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	1SCC011025D0201

Certificates and Declarations

CCC Certificate	CCC OS100-160G_ 2015.pdf
Declaration of Conformity - CE	1SCC311137D2703
DNV GL Certificate	1SCC311125D0203
REACH Declaration	1SCC011021D0201

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	260 mm 10.2 in
Package Level 1 Depth / Length	290 mm 11.4 in
Package Level 1 Height	190 mm 7.5 in
Package Level 1 Gross Weight	2.8 kg 6.3 lb
Package Level 1 EAN	6417019488431

Classifications

Object Classification Code	Q
ETIM 7	EC001040 - Fuse switch disconnecter
ETIM 8	EC001040 - Fuse switch disconnecter
ETIM 9	EC001040 - Fuse switch disconnecter
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

