

PRODUCT-DETAILS

OS100GJ03P

OS100GJ03P FUSIBLE DISCONNECT SWITCH



General Information

Extended Product Type	OS100GJ03P
Product ID	1SCA114639R1001
EAN	6417019470603
Catalog Description	OS100GJ03P FUSIBLE DISCONNECT SWITCH
Long Description	Switch Fuses,Front Operated,3-pole,03 (Left Side),Class J,100 A,Handle and shaft included,

Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
SCIP	cd41ec4c-cf08-4162-b4f3-460daacfe4 Finland (FI)
Simplified SCIP	841e5a28-d24d-4cfe-9f45-6bca282c3422 Sweden (SE) f46a3f0c-a537-497f-9d52-a5f289c3f67d Poland (PL) 3a65c31f-a552-44f3-9ef3-cf4b8c66deba Portugal (PT) 6e55d006-62ae-41b6-adc9-b5c75381af3a Germany (DE) 2cf7b615-6f24-48cc-81da-fde3b22b1e88 Bulgaria (BG) d0092ebc-0a8c-47f4-8be6-b8d6884f21e3 Greece (GR) a4f8dbd7-0974-4924-8016-ddc69fb81182 Estonia (EE) 75398b68-7894-4a19-b209-093bb1a5b316 Italy (IT) 77b72310-ed16-4138-82a4-79429d8920ad Poland (PL) 53903b0a-e765-4044-928a-5ed3eae7a25d Netherlands (NL) 18e0997a-c307-4b3d-8e4e-5b21afaa2145 Poland (PL)

45fae051-d52e-45c2-ae85-3c442829adfb Sweden (SE)
 94baf4ea-622a-4d88-87c4-c0fac1cd82ad France (FR)
 7ef1b16d-54ec-4ab4-8335-9fc517da4f0e Belgium (BE)
 b286ed76-2e28-401d-a91d-f6b29a117b6e Spain (ES)
 cf8019a1-579c-4cf5-a83b-d535f2c4220f Hungary (HU)
 df56a300-133e-4d59-bcba-8580620df0bf Germany (DE)
 24a3589e-ee1b-45e3-9b73-927b4078e18d Denmark (DK)
 18bb0aed-6128-4759-ade8-17979521fd80 Croatia (HR)
 6064cf25-391d-41df-bbcd-d24b45409340 Czech Republic (CZ)
 177bf993-ffee-4ac3-8d3a-1ae859a22970 France (FR)
 b6cd9893-8972-4b7c-8922-a09134f18965 Belgium (BE)
 1eada7ad-e0b1-41e9-8b99-bb75ec71c0bf Norway (NO)
 361d623a-6810-4afa-a578-fd1c13e91a04 Hungary (HU)
 85575df8-c9b5-4e61-81b0-b33b20a6fcdd Germany (DE)
 d021d670-fb66-4f1c-b4ce-d5d843197ff8 Germany (DE)

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	1SCC311037M0206

Dimensions

Product Net Width	147 mm
Product Net Height	172 mm
Product Net Depth / Length	105 mm
Product Net Weight	2 kg 4.41 lb

Technical

Rated Operational Current AC-21A (I_e)	(500 V) 100 A (690 V) 100 A
Rated Operational Current AC-22A (I_e)	(500 V) 100 A (690 V) 100 A
Rated Operational Current AC-23A (I_e)	(500 V) 100 A (690 V) 100 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 45 kW (400 V) 75 kW (415 V) 75 kW (500 V) 90 kW (690 V) 132 kW
Conventional Free-air Thermal Current (I_{th})	$\Theta = 40^\circ\text{C}$ 160 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 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	for 1 s 5 kiloampere rms

Voltage (I_{cw})	
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	Pistol handle and shaft included
Switches Operating Mechanism	03 (Left Side)
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Fuse Size	100 A
Fuse System	Class J
Operating Mode	Front Operated
Standards	UL98 IEC 60947-3
Mounting Type	Base mounting
Number of Poles	3
Cable Cross-Section	2.5 ... 25 mm ²
Terminal Type	Lug terminals
Terminal Width	20 mm
Rated Current (I_n)	Main Circuit 100 A

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC Main Circuit 250 V DC
Ampere Rating	100 A
Horsepower Rating UL/CSA	(acc. to UL 240 V) 30 Hp (acc. to UL 480 V) 60 Hp (acc. to UL 600 V) 75 Hp
Tightening Torque UL/CSA	Wire-Clamp 120 in-lb Cable Lug 50 in-lb

Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	cd41ec4c-cf08-4162-b4f3-460daaacfef4 Finland (FI)
Simplified SCIP	841e5a28-d24d-4cfe-9f45-6bca282c3422 Sweden (SE) f46a3f0c-a537-497f-9d52-a5f289c3f67d Poland (PL) 3a65c31f-a552-44f3-9ef3-cf4b8c66deba Portugal (PT) 6e55d006-62ae-41b6-adc9-b5c75381af3a Germany (DE) 2cf7b615-6f24-48cc-81da-fde3b22b1e88 Bulgaria (BG) d0092ebc-0a8c-47f4-8be6-b8d6884f21e3 Greece (GR) a4f8dbd7-0974-4924-8016-ddc69fb81182 Estonia (EE) 75398b68-7894-4a19-b209-093bb1a5b316 Italy (IT) 77b72310-ed16-4138-82a4-79429d8920ad Poland (PL) 53903b0a-e765-4044-928a-5ed3eae7a25d Netherlands (NL) 18e0997a-c307-4b3d-8e4e-5b21afaa2145 Poland (PL) 45fae051-d52e-45c2-ae85-3c442829adfb Sweden (SE) 94baf4ea-622a-4d88-87c4-c0fac1cd82ad France (FR) 7ef1b16d-54ec-4ab4-8335-9fc517da4f0e Belgium (BE) b286ed76-2e28-401d-a91d-f6b29a117b6e Spain (ES) cf8019a1-579c-4cf5-a83b-d535f2c4220f Hungary (HU) df56a300-133e-4d59-bcba-8580620df0bf Germany (DE) 24a3589e-ee1b-45e3-9b73-927b4078e18d Denmark (DK) 18bb0aed-6128-4759-ade8-17979521fd80 Croatia (HR) 6064cf25-391d-41df-bbcd-d24b45409340 Czech Republic (CZ) 177bf993-fee-4ac3-8d3a-1ae859a22970 France (FR) b6cd9893-8972-4b7c-8922-a09134f18965 Belgium (BE) 1eada7ad-e0b1-41e9-8b99-bb75ec71c0bf Norway (NO) 361d623a-6810-4afa-a578-fd1c13e91a04 Hungary (HU) 85575df8-c9b5-4e61-81b0-b33b20a6fcd Germany (DE) d021d670-fb66-4f1c-b4ce-d5d843197ff8 Germany (DE)