



PRODUCT-DETAILS

# OS125GD22F

## OS125GD22F SWITCH FUSE



General Information	
Extended Product Type	OS125GD22F
Product ID	1SCA116799R1001
EAN	6417019488776
Catalog Description	OS125GD22F SWITCH FUSE
Long Description	Switch Fuses,Front Operated,4-pole,22 (Between the Poles),DIN,000,00,Handle and shaft not included,Switched - Fusible Pole

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	1SCC311037M0206
Environmental Product Declaration - EPD	1SCC311196D0201

Dimensions

Product Net Width	183 mm
Product Net Height	140 mm
Product Net Depth / Length	130 mm
Product Net Weight	2.4 kg 5.29 lb

Technical

Rated Operational Current AC-21A (I <sub>e</sub> )	(500 V) 125 A (690 V) 125 A
Rated Operational Current AC-22A (I <sub>e</sub> )	(500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A (I <sub>e</sub> )	(500 V) 125 A (690 V) 125 A
Rated Operational Power AC-23A (P <sub>e</sub> )	(220 ... 240 V) 37 kW (400 V) 55 kW (415 V) 55 kW (500 V) 75 kW (690 V) 110 kW
Conventional Free-air Thermal Current (I <sub>th</sub> )	Θ = 40 °C 125 A
Conventional Thermal Current (I <sub>the</sub> )	Fully Enclosed 125 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Voltage	Main Circuit 690 V AC
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 5 kiloampere rms
Rated Conditional Short-	(690 V) 80 kA

Circuit Current (I <sub>nc</sub> )	
Power Loss	at Rated Operating Conditions per Pole 12 W
Pollution Degree	3
Handle Type	Handle and shaft not included
Fourth Pole Type	Switched - Fusible Pole
Switches Operating Mechanism	22 (Between the Poles)
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Fuse Size	NH000 NH00
Fuse System	DIN
Operating Mode	Front 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 <sub>n</sub> )	Main Circuit 125 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	170 mm 6.7 in
Package Level 1 Depth / Length	220 mm 8.7 in
Package Level 1 Height	150 mm 5.9 in
Package Level 1 Gross Weight	2.6 kg 5.6 lb
Package Level 1 EAN	6417019488776

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

