

PRODUCT-DETAILS

OS125GDS40F

OS125GDS40F SWITCH FUSE



General Information

Extended Product Type	OS125GDS40F
Product ID	1SCA116756R1001
EAN	6417019488400
Catalog Description	OS125GDS40F SWITCH FUSE
Long Description	Switch Fuses,Side Operated,4-pole,40 (Right Side),DIN,000,00,Handle and shaft not included,Switched - Fusible Pole

Ordering

Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	1SCC311137D0201
Instructions and Manuals	1SCC110037M0206

Dimensions

Product Net Width	217 mm
Product Net Height	140 mm

Product Net Depth / Length	142 mm
Product Net Weight	1.8 kg

Technical

Rated Operational Current AC-21A (I_e)	(500 V) 125 A (690 V) 125 A
Rated Operational Current AC-22A (I_e)	(500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A (I_e)	(500 V) 125 A (690 V) 125 A
Rated Operational Power AC-23A (P_e)	(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_{th})	q = 40 °C 125 A
Conventional Thermal Current (I_{the})	Fully Enclosed 125 A
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Voltage	500 V
Rated Short-time Withstand Current (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 Type	Switched - Fusible Pole
Switches Operating Mechanism	40 (Right Side)
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Fuse Size	000,00
Fuse System	DIN
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
Fuse Type	DIN

Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
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Certificates and Declarations (Document Number)

CCC Certificate	CCC OS100-160G_ 2015.pdf
Declaration of Conformity - CE	1SCC311137D2703

DNV GL Certificate	1SCC311125D0203
EAC Certificate	EAC OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSM_.pdf
Instructions and Manuals	1SCC110037M0206
RoHS Information	1SCC311137D2703

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm 6.7 in
Package Level 1 Depth / Length	250 mm 9.8 in
Package Level 1 Height	155 mm 6.1 in
Package Level 1 Gross Weight	2.7 kg 6 lb
Package Level 1 EAN	6417019488400

Classifications

Object Classification Code	Q
ETIM 4	EC001040 - Fuse switch disconnectors
ETIM 5	EC001040 - Fuse switch disconnectors
ETIM 6	EC001040 - Fuse switch disconnectors
ETIM 7	EC001040 - Fuse switch disconnectors
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

