

PRODUCT-DETAILS

OS800DS40FK

OS800DS40FK SWITCH FUSE



General Information

Extended Product Type	OS800DS40FK
Product ID	1SCA108101R1001
EAN	6417019414980
Catalog Description	OS800DS40FK SWITCH FUSE
Long Description	Switch Fuses,Side Operated,4-pole,40 (Right Side),DIN,3,Direct mounted handle,Switched - Fusible Pole

Ordering

Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	1SCC311113D0203
Instructions and Manuals	1SCC311016M0210

Dimensions

Product Net Width	502 mm
Product Net Height	306 mm

Product Net Depth / Length	247 mm
Product Net Weight	17 kg

Technical

Rated Operational Current AC-21A (I_e)	(500 V) 800 A (690 V) 800 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 250 kW (400 V) 450 kW (415 V) 450 kW (500 V) 560 kW (690 V) 710 kW
Conventional Free-air Thermal Current (I_{th})	$q = 40\text{ °C}$ 800 A
Conventional Thermal Current (I_{the})	Fully Enclosed 720 A
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Voltage	500 V
Rated Short-time Withstand Current (I_{cw})	for 1 s 18 kiloampere rms
Rated Conditional Short-Circuit Current (I_{nc})	(690 V) 80 kA
Power Loss	at Rated Operating Conditions per Pole 65 W
Pollution Degree	3
Handle Type	Direct mounted handle 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	3
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	39 mm
Tightening Torque	50 ... 75 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 OS630-800 2016
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Declaration of Conformity - CE	1SCC311112D2704
DNV GL Certificate	1SCC311131D0202
EAC Certificate	EAC OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSM_.pdf
Instructions and Manuals	1SCC311016M0210
RoHS Information	1SCC311112D2704

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	328 mm
Package Level 1 Depth / Length	453 mm
Package Level 1 Height	310 mm
Package Level 1 Gross Weight	17 kg
Package Level 1 EAN	6417019414980

Classifications

Object Classification Code	Q
ETIM 4	EC001040 - Fuse switch disconnecter
ETIM 5	EC001040 - Fuse switch disconnecter
ETIM 6	EC001040 - Fuse switch disconnecter
ETIM 7	EC001040 - Fuse switch disconnecter
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

