

PRODUCT-DETAILS

OS1250DA12P

OS1250DA12P SWITCH FUSE



General Information	
Extended Product Type	OS1250DA12P
Product ID	1SCA105241R1001
EAN	6417019395692
Catalog Description	OS1250DA12P SWITCH FUSE
Long Description	Switch Fuses,Front Operated,3-pole,12 (Between the Poles),DIN,4a,Handle and shaft included,

Ordering	
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Popular Downloads	
Data Sheet, Technical Information	1SCC311127D0201
Instructions and Manuals	1SCC311022M0207

Dimensions	
Product Net Width	432 mm
Product Net Height	356 mm

OS1250DA12P 2

Product Net Depth / Length	371 mm
Product Net Weight	27.98 kg 61.69 lb

Rated Operational (380 415 V) 1250 A (500 V	Technical	
Current AC-21A (le) (500 y 1250 A (500 y 1250	-	(200 4451042504
Rated Operational (690 V) 1250 A Current AC-21B (I ₀) (690 V) 1250 A Rated Operational (690 V) 1250 A Current AC-22B (I ₀) (380 415 V) 1250 A Rated Operational (500 V) 1250 A Current AC-22B (I ₀) (500 V) 1250 A Rated Operational (500 V) 1250 A Current AC-23B (I ₀) (500 V) 1200 A Rated Operational (500 V) 1000 A Current AC-23B (I ₀) (500 V) 1000 A Rated Operational (500 V) 1000 A Current AC-23B (I ₀) (690 V) 1000 A Rated Operational (500 V) 1000 A Current AC-23B (I ₀) (690 V) 1000 A Rated Operational (690 V) 1000 A Current (I ₀₀) (690 V) 1000 A Conventional Free-air q = 40 °C 1250 A Current (I ₀₀) p = 40 °C 1250 A Current (I ₀₀) p = 40 °C 1250 A Rated (I ₀) p = 40 °C 1250 A Rated (I ₀) p = 40 °C 1250 A Rated (I ₀) p = 40 °C 1250 A Rated (I ₀) p = 40 °C 1250 A Rated (I ₀)	·	
Current A-C-21B (In) (690 Y) 1250 A Rated Operational (380415 V) 1250 A Current A-C-22B (In) (500 V) 1250 A Rated Operational (500 V) 1250 A Current A-C-22B (In) (380415 V) 1000 A Current A-C-22B (In) (500 V) 1250 A Rated Operational (500 V) 1000 A Current A-C-23A (In) (690 V) 1000 A Rated Operational Power (20240 V) 315 km AC-23A (Pe) (690 V) 1000 A Conventional Free-air (900 V) 1000 km Conventional Free-air Fully Enclosed 1000 A Current (Im) Fully Enclosed 1000 A Rated Impulse Fully Enclosed 1000 A Current (Im) Fully Enclosed 1000 A Voltage Fully Enclosed 1000 A Rated Operational Fully Enclosed 1000 A Voltage Fully Enclosed 1000 A Rated Operational Fully Enclosed 1000 A Voltage Fully Enclosed 1000 A <td>, ,</td> <td></td>	, ,	
Rated Operational Current Rc-22A (kg) (500 V) 1250 A (500 V) 1250 A (500 V) 1250 A (500 V) 1250 A Rated Operational (500 V) 1250 A Rated Operational (500 V) 1250 A Rated Operational (500 V) 1000 A Current Ac-22B (kg) (500 V) 1250 A (500 V) 1000 A (5	·	
Current A-C-22A (le) (500 V) 1250 A Current AC-22B (le) (500 V) 1250 A Rated Operational (880 · 415 V) 1000 A Current AC-22B (le) (880 · 415 V) 1000 A Rated Operational (500 V) 1200 A Current AC-23B (le) (500 V) 1000 A Rated Operational Power (220 ·240 V) 315 kW AC-23B (Pe) (690 V) 1000 kW Commentional Free-air q = 40 °C 1250 A Conventional Thermal Fully Enclosed 1000 A Current (lithe) Text (leg) Conventional Thermal Fully Enclosed 1000 A Current (lithe) 12 kW Rated Insulation Voltage (Using) 12 kW Rated Insulation Voltage (Using) 1000 V Rated Operational 500 V Rated Operational (500 V) 80 kW Rated Sort-time (500 V) 80 kW Voltage (500 V) 80 kW Rated Conditional Short- (500 V) 80 kW Circuit Current (low) (500 V) 80 kW Power Los at Rated Operating Conditions per Pole 110 kW Rated Sort-time 300 KW		
Current AC-228 (le) (690 V) 1250 A Rated Operational (380415 V) 1000 A Current AC-228 (le) (690 V) 1000 A Rated Operational (690 V) 1000 A Current AC-228 (le) (690 V) 1000 A Rated Operational Power (220240 V) 315 kW AC-23A (Pe) (415 V) 560 kW Conventional Free-air q = 40 °C 1250 A Thermal Current (lin) Fully Enclosed 1000 A Current (Lina) 12 kW Rated Insulation Voltage (Ump) 1000 V Vily 500 V Rated Operational 500 V Rated Operational 500 V Rated Operational 690 V) 80 kW Current (lina) 690 V) 80 kW Rated Operational 690 V) 80 kW Rated Operational 690 V) 80 kW Voltage 690 V) 80 kW Rated Gonditional Short- 690 V) 80 kW Roccurrent (lina) 690 V) 80 kW Power Loss at Rated Operating Conditions per Pole 110 W Poliution Degree 3 Handle Type Pistol handle and shaft included	·	(380 415 V) 1250 A
Current AC-23A (Le) (500 V) 1000 A Rated Operational (500 V) 1000 A Current AC-23B (Le) (500 V) 1000 A Rated Operational Power (220240 V) 315 kW AC-23A (Pe) (400 V) 550 kW Key Oy 1710 kW (500 V) 710 kW Conventional Free-air Fully Enclosed 1000 A Current (Inc) 12 kW Conventional Free-air 12 kW Thermal Current (Inc) 12 kW Rated Distance (Ulimp) 1000 V Voltage 1000 V Rated Operational 500 V Voltage For 1 s 40 kiloampere rm Rated Short-time For 1 s 40 kiloampere rm Withstand Current (Inc) 6690 V) 80 kA Power Los at Rated Operating Conditions per Pole 110 W Power Los at Rated Operating Conditions per Pole 110 W Power Los at Rated O	·	
Current AC-23B (le) (690 V) 1000 A Rated Operational Power (220 240 V) 315 kW AC-23A (Pe) (400 V) 560 kW Conventional Free-air q = 40 °C 1250 A Thermal Current (lth) Fully Enclosed 1000 A Conventional Thermal Fully Enclosed 1000 A Current (lthe) 12 kW Rated Impulse 12 kW Withstand Voltage (Ulmp) 1000 V Vulj 1000 V Vulj 500 V Rated Insulation Voltage 1000 V Vulj 690 V) 80 kA Withstand Current (lcw) 690 V) 80 kA Rated Short-time for 1 s 40 kiloampere rms Withstand Current (lcw) (690 V) 80 kA Rated Conditional Short-circuit Current (lcw) (690 V) 80 kA Power Loss at Rated Operating Conditions per Pole 110 W Power Loss 3 Handle Type Pistol handle and shaft included Switches Operating 12 (Between the Poles) Mexicharian Top In- Bottom Out, Bottom In - Top Out Terminal Windle 18 C 60947-3 Four Siz	·	(380 415 V) 1000 A
Rated Operational Power AC-23A (Pe) Conventional Free-air Thermal Current (Inh) Conventional Thermal Conventional Conventional Thermal Conventional Conve		
A		
Conventional Free-air Thermal Current (Ith) (500 N) 710 kW (690 N) 100 kW Conventional Free-air Thermal Current (Ith) q = 40 °C 1250 A Conventional Thermal Current (Ithe) Fully Enclosed 1000 A Rated Impulse Withstand Voltage (Uimp) 12 kW Rated Insulation Voltage (U _I) 1000 V Rated Operational Voltage 500 V Rated Short-time Withstand Current (I _{Inc}) for 1 s 40 kiloampere rms Rated Short-time Withstand Current (I _{Inc}) (690 V) 80 kA Power Loss at Rated Operating Conditions per Pole 110 W Power Loss 4 conditional Short- Circuit Current (I _{Inc}) 6 (90 V) 80 kA Power Loss at Rated Operating Conditions per Pole 110 W 10 M Power Loss To Pole 110 W 10 M Power Loss Power Loss 10 M Power Loss To Power Loss 10 M	AC-23A (P _e)	
Conventional Free-air Thermal Current (Ith) q = 40 °C 1250 A Thermal Current (Ith) Conventional Thermal Current (Ithe) Fully Enclosed 1000 A Thermal Current (Ithe) Rated Impulse Withstand Voltage (Uimp) 1000 V (Ui) Rated Operational Voltage (Uimp) 500 V Rated Operational Voltage (Uimp) 500 V Rated Operational Voltage (Uimp) 6690 V) 80 kA (Included Principles (Inc		
Thermal Current (Ith) Conventional Thermal Current (Ithe) Rated Impulse Rated Impulse Rated Insulation Voltage (Uimp) Rated Operational Rated Operational Rotted Current (Icw) Rated Short-time Rotted Conditional Short- Circuit Current (Icw) Rower Loss Rated Conditional Short- Circuit Current (Inc) Rower Loss Rated Short-time Rotted Conditional Short- Circuit Current (Inc) Rower Loss Rated Conditional Short- Circuit Current (Inc) Rotted Conditional Short- Rotted Operating Conditional Server Inc Rotted Conditional Short- Rotted Conditional Short- Rotted Conditional Short- Circuit Current (Inc) Rotted Operating Conditional Server Inc Rotted Conditional Short- Rotted Operating Conditional Server Inc Rotted Operational Server Inc Rotted Operational Server Inc Rotted Operational Server Inc Rotted Operational Server Inc Rotted Oper		
Current (Inhe) 12 kV Rated Impulse 12 kV Withstand Voltage (Ulmp) 1000 V Rated Insulation Voltage 1000 V (U1) 500 V Rated Operational 500 V Voltage for 1 s 40 kiloampere rms Rated Short-time (690 V) 80 kA Circuit Current (Inc) (690 V) 80 kA Power Loss at Rated Operating Conditions per Pole 110 W Pollution Degree 9 istol handle and shaft included Switches Operating 12 (Between the Poles) Mechanism 12 (Between the Poles) Post Size 4a Fuse Size 50 m Mounting Type Base mounting Number of Poles 8a mounting Terminal Type Lug terminals Terminal Type Lug terminals Terminal Width 50 mm		q = 40 °C 1250 A
Withstand Voltage (Using) Rated Insulation Voltage (Using) Rated Operational Soot Voltage Rated Operational Soot Voltage Rated Short-time for 1 s 40 kiloampere rms Withstand Current (Icw) Rated Short-time for 1 s 40 kiloampere rms Withstand Current (Icw) Rated Conditional Short-Circuit Current (Inc) Rated Sonditional Short-Circuit Current (Inc) Rower Loss at Rated Operating Conditions per Pole 110 W Pollution Degree 3 at Rated Operating Conditions per Pole 110 W Pollution Degree Pistol handle and shaft included Switches Operating Pistol handle and shaft included Switches Operating 12 (Between the Poles) Mechanism Position of Line Top In - Bottom Out, Bottom In - Top Out terminals Fuse Size A 5 Fuse System DIN Operating Mode Front Operated Standards IEC 60947-3 Mounting Type Basenuting Mounting Type Basenuting Number of Poles 3 Terminal Type 1 Lug terminals Feminal Type 5075 Nm Tightening Torque		Fully Enclosed 1000 A
Rated Insulation Voltage (Ui) Rated Operational 500 V Voltage Rated Short-time for 1 s 40 kiloampere rms Withstand Current (Icw) Rated Conditional Short- Circuit Current (Inc) Rower Loss at Rated Operating Conditions per Pole 110 W Pollution Degree 3 at Rated Operating Conditions per Pole 110 W Pollution Degree Pistol handle and shaft included Switches Operating Mode Pistol handle and shaft included Switches Operating Pole 110 W Position of Line Top In- Bottom Out, Bottom In - Top Out Terminals Fuse Size 4a Fuse System DIN Operating Mode Front Operated Standards DIN Operating Mode Front Operated Standards EEC 609473 Mounting Type Base mounting Number of Poles 3 Terminal Type Lug terminals Furnial Type Lug terminals Ferminal Type Lug terminals Ferminal Type 50 mm Tightening Torque 50 m. 75 Nm	Rated Impulse	12 kV
(Ui) Rated Operational Sour Voltage 500 V Voltage Rated Short-time Withstand Current (Icw) for 1 s 40 kiloamper ems withstand Current (Icw) Rated Conditional Short-Circuit Current (Inc) (690 V) 80 kA Power Loss at Rated Operating Conditions per Pole 110 W Pollution Degree 3 Handle Type Pistol handle and shaft included Switches Operating Mechanism 12 (Between the Poles) Mechanism Top In - Bottom Out, Bottom In - Top Out Terminals Fuse Size 4a Fuse System DIN Operating Mode Operating Mode Front Operated Standards Mounting Type Base mounting Mounting Type Number of Poles 3 Terminal Type Lug terminals Terminal Type Lug terminals Terminal Width 50 mm Tightening Torque 50 mm)	
VoltageRated Short-time Mithstand Current (Icw)for 1 s 40 kiloampere rms for 1 s 40 kiloampere rms for 1 s 40 kiloampere rms for 1 s 40 kiloampere rms (690 V) 80 kA (690 V) 80 kA Circuit Current (Inc)Power Lossat Rated Operating Conditions per Pole 110 W Pollution DegreePollution DegreePistol handle and shaft included Bwitches Operating MechanismPosition of Line TerminalsTop In - Bottom Out, Bottom In - Top Out TerminalsFuse Size4aFuse SystemDINOperating ModeFront OperatedStandardsIEC 60947-3Mounting TypeBase mountingNumber of Poles3Terminal TypeLug terminalsTerminal TypeLug terminalsTerminal Width50 mmTightening Torque50 mm	-	1000 V
Withstand Current (Icw)Rated Conditional Short-Circuit Current (Inc)(690 V) 80 kAPower Lossat Rated Operating Conditions per Pole 110 WPollution Degree3Handle TypePistol handle and shaft includedSwitches Operating12 (Between the Poles)MechanismTop In - Bottom Out, Bottom In - Top OutTerminals1Fuse Size4aFuse SystemDINOperating ModeFront OperatedStandardsIEC 60947-3Mounting TypeBase mountingNumber of Poles3Terminal TypeLug terminalsTerminal Width50 mmTightening Torque50 75 N·m	·	500 V
Circuit Current (Inc)Power Lossat Rated Operating Conditions per Pole 110 WPollution Degree3Handle TypePistol handle and shaft includedSwitches Operating Mechanism12 (Between the Poles)Position of Line TerminalsTop In - Bottom Out, Bottom In - Top OutFuse Size4aFuse SystemDINOperating ModeFront OperatedStandardsIEC 60947-3Mounting TypeBase mountingNumber of Poles3Terminal TypeLug terminalsTerminal TypeLug terminalsTerminal Width50 mmTightening Torque50 75 N·m		for 1 s 40 kiloampere rms
Pollution Degree Pistol handle and shaft included Pistol handle and shaft included Switches Operating 12 (Between the Poles) Mechanism Position of Line Top In - Bottom Out, Bottom In - Top Out Terminals Fuse Size Top In - Bottom Out, Bottom In - Top Out Top In - Bottom Out, In -		(690 V) 80 kA
Handle Type Pistol handle and shaft included Switches Operating 12 (Between the Poles) Mechanism Position of Line Top In - Bottom Out, Bottom In - Top Out Terminals Fuse Size Fuse System DIN Operating Mode Front Operated Standards IEC 60947-3 Mounting Type Base mounting Number of Poles 3 Terminal Type Lug terminals Ferminal Width 50 mm Tightening Torque 5075 N·m	Power Loss	at Rated Operating Conditions per Pole 110 W
Switches Operating Mechanism Position of Line Top In - Bottom Out, Bottom In - Top Out Terminals Fuse Size Tuse System Operating Mode Front Operated Standards Mounting Type Base mounting Number of Poles Terminal Type Lug terminals Terminal Width 50 mm Tightening Torque 5075 N·m	Pollution Degree	3
MechanismMechanismPosition of Line TerminalsTop In - Bottom Out, Bottom In - Top OutFuse Size4aFuse SystemDINOperating ModeFront OperatedStandardsIEC 60947-3Mounting TypeBase mountingNumber of Poles3Terminal TypeLug terminalsTerminal Width50 mmTightening Torque50 75 N·m	Handle Type	Pistol handle and shaft included
Terminals Fuse Size 4a Fuse System DIN Operating Mode Front Operated Standards IEC 60947-3 Mounting Type Base mounting Number of Poles 3 Terminal Type Lug terminals Terminal Width 50 mm Tightening Torque 50 75 N·m		12 (Between the Poles)
Fuse SystemDINOperating ModeFront OperatedStandardsIEC 60947-3Mounting TypeBase mountingNumber of Poles3Terminal TypeLug terminalsTerminal Width50 mmTightening Torque50 75 N·m		Top In - Bottom Out, Bottom In - Top Out
Operating ModeFront OperatedStandardsIEC 60947-3Mounting TypeBase mountingNumber of Poles3Terminal TypeLug terminalsTerminal Width50 mmTightening Torque50 75 N·m	Fuse Size	4a
StandardsIEC 60947-3Mounting TypeBase mountingNumber of Poles3Terminal TypeLug terminalsTerminal Width50 mmTightening Torque50 75 N·m	Fuse System	DIN
Mounting TypeBase mountingNumber of Poles3Terminal TypeLug terminalsTerminal Width50 mmTightening Torque50 75 N·m	Operating Mode	Front Operated
Number of Poles3Terminal TypeLug terminalsTerminal Width50 mmTightening Torque50 75 N·m	Standards	IEC 60947-3
Terminal TypeLug terminalsTerminal Width50 mmTightening Torque50 75 N·m	Mounting Type	Base mounting
Terminal Width 50 mm Tightening Torque 50 75 N·m	Number of Poles	3
Tightening Torque 50 75 N⋅m	Terminal Type	Lug terminals
	Terminal Width	50 mm
Fuse Type DIN	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

Certificates and Declarations (Document Number)	
CCC Certificate	CCC OS1200-1250 2015.pdf
Declaration of Conformity - CE	1SCC311127D2703
EAC Certificate	EAC OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSMpc f
Instructions and Manuals	1SCC311022M0207
RoHS Information	1SCC311127D2703

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	394 mm 15.51 in
Package Level 1 Depth / Length	534 mm 21.02 in
Package Level 1 Height	368 mm 14.49 in
Package Level 1 Gross Weight	30.23 kg 66.65 lb
Package Level 1 EAN	6417019395692

Classifications	
Object Classification Code	Q
ETIM 4	EC001040 - Fuse switch disconnector
ETIM 5	EC001040 - Fuse switch disconnector
ETIM 6	EC001040 - Fuse switch disconnector
ETIM 7	EC001040 - Fuse switch disconnector
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3661011

Categories

Low Voltage Products and Systems \rightarrow Switches \rightarrow Switch Fuses

