

PRODUCT-DETAILS

## OS1250B03N3P OS1250B03N3P SWITCH FUSE



General Information	
Extended Product Type	OS1250B03N3F
Product ID	1SCA107936R1001
EAN	6417019413945
Catalog Description	OS1250B03N3P SWITCH FUSE
Long Description	Switch Fuses, Front Operated, 4-pole, 03 (Left Side), British Standard, D1, Handle and shaft included, Detachable Neutral Link Integrated Into the Mechanism
Circular Value	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201
Ordering	
Minimum Order Quantity	1 piece

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Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Popular Downloads	
Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311022M0207

Dimensions	
Product Net Width	429 mm
Product Net Height	356 mm
Product Net Depth / Length	366 mm
Product Net Weight	30.21 kg 66.6 lb

AC-21A (l <sub>e</sub> )         (500 V) 1250 (690 V) 1250           Rated Operational Current         (500 V) 1250           AC-21B (l <sub>e</sub> )         (590 V) 1250           Rated Operational Current         (380 415 V) 1250           AC-22A (l <sub>e</sub> )         (590 V) 1250           Rated Operational Current         (500 V) 1250           AC-22A (l <sub>e</sub> )         (590 V) 1250           Rated Operational Current         (500 V) 1250           AC-22A (l <sub>e</sub> )         (590 V) 1250           Rated Operational Current         (500 V) 1250           AC-23A (l <sub>e</sub> )         (380 415 V) 1000           AC-23A (l <sub>e</sub> )         (590 V) 1000           Rated Operational Current         (500 V) 1000           AC-23A (l <sub>e</sub> )         (220 240 V) 315 k           Rated Operational Power         (220 240 V) 315 k           AC-23A (l <sub>e</sub> )         (220 240 V) 315 k           Conventional Free-air         0 = 40 °C 1250           Thermal Current (l <sub>th</sub> )         0 = 40 °C 1250           Conventional Thermal         Fully Enclosed 1000           Current (l <sub>thp</sub> )         12 k           Voltage (U <sub>imp</sub> )         12 k           Rated Insulation Voltage         1000 k           (U <sub>imp</sub> )         1000           Rated Operational Voltage </th <th>Technical</th> <th></th>	Technical	
$AC-21B (l_{e}) (690 V) 1250$ Rated Operational Current $(380 415 V) 1250$ $AC-228 (l_{e}) (500 V) 1250$ $AC-228 (l_{e}) (690 V) 1250$ Rated Operational Current $(380 415 V) 1000$ $AC-238 (l_{e}) (380 415 V) 1000$ $AC-238 (l_{e}) (380 415 V) 1000$ $AC-238 (l_{e}) (220 240 V) 315 kt$ $AC-23A (P_{e}) (220 240 V) 315 kt$ $(410 V) 560 kt$ $(500 V) 1000 kt$ $(500 V) 100 kt$ $(500 V) $		(380 415 V) 1250 A (500 V) 1250 A (690 V) 1250 A
$\begin{array}{c} AC-22A \left(I_{e}\right) \\ \\ \mbox{Rated Operational Current} \\ AC-22B \left(I_{e}\right) \\ \\ \mbox{Rated Operational Current} \\ AC-23A \left(I_{e}\right) \\ \\ \mbox{Rated Operational Current} \\ AC-23A \left(I_{e}\right) \\ \\ \mbox{Rated Operational Power} \\ (20 \dots 240 \lor) 1000 \\ \\ \mbox{AC-23B } \left(I_{e}\right) \\ \\ \mbox{Rated Operational Power} \\ (220 \dots 240 \lor) 315 \ ki \\ (415 \lor) 560 \ ki \\ (415 \lor) 560 \ ki \\ (500 \lor) 1000 \ ki \\ (690 \lor) 10$		(500 V) 1250 A (690 V) 1250 A
AC-22B (I <sub>e</sub> )         (690 V) 1250           Rated Operational Current         (380 415 V) 1000           AC-23A (I <sub>e</sub> )         (500 V) 1000           Rated Operational Current         (500 V) 1000           AC-23B (I <sub>e</sub> )         (220 240 V) 315 ki           Rated Operational Power         (220 240 V) 315 ki           AC-23A (P <sub>e</sub> )         (400 V) 350 ki           Conventional Free-air         (690 V) 1000           Thermal Current (I <sub>th</sub> )         0 = 40 °C 1250           Conventional Tree-air         0 = 40 °C 1250           Thermal Current (I <sub>th</sub> )         12 ki           Conventional Tree-air         12 ki           Conventional Thermal         12 ki           Conventional Thermal         12 ki           Conventional Thermal         12 ki           Conventional Thermal         1000           Current (I <sub>the</sub> )         1000           Rated Insulation Voltage         1000           (U <sub>i</sub> )         1000           Rated Operational Voltage         690 V) 80 ki           Corvert (I <sub>the</sub> )         (690 V) 80 ki           Rated Operational Voltage         (690 V) 80 ki           Corvert (I <sub>the</sub> )         12 ki           Rated Conditional Short-         (690 V) 80 ki <tr< td=""><td></td><td>(380 415 V) 1250 A</td></tr<>		(380 415 V) 1250 A
$\begin{array}{c} \operatorname{AC-23A}\left(I_{e}\right) \\ \operatorname{Rated Operational Current} & (500  \forall)  1000 \\ \operatorname{AC-23B}\left(I_{e}\right) & (690  \forall)  1000 \\ \operatorname{Rated Operational Power} & (220 \dots 240  \forall)  315  \mathrm{kt} \\ \operatorname{AC-23A}\left(P_{e}\right) & (220 \dots 240  \forall)  315  \mathrm{kt} \\ \operatorname{AC-23A}\left(P_{e}\right) & (220 \dots 240  \forall)  560  \mathrm{kt} \\ (415  \forall)  560  \mathrm{kt} \\ (500  \forall)  1000  \mathrm{kt} \\ (500  \forall)  1000  \mathrm{kt} \\ (590  \forall)  1000  \mathrm{kt} \\ (1_{the}) \\ \\ \mathbf{Rated Insulation Voltage} & 1000  \mathrm{kt} \\ (0_{1}) \\ \mathbf{Rated Insulation Voltage} & \mathrm{Main Circuit}  690  \forall  \mathrm{At} \\ \mathbf{Rated Short-time} & \mathrm{for}  1  s  40  \mathrm{kiloampere rm} \\ \\ \text{Voltage} \left(I_{me}\right) \\ \\ \mathbf{Rated Conditional Short-} & (690  \forall)  80  \mathrm{kt} \\ \mathrm{Circuit Current} \left(I_{ne}\right) \\ \\ \mathbf{Power Loss} & \mathrm{at Rated Operating Conditions per Pole 110  \mathrm{kt} \\ \\ \mathbf{Pollution Degree} \\ \end{array}$		(500 V) 1250 A (690 V) 1250 A
AC-238 $(l_e)$ (690 V) 1000         Rated Operational Power       (220 240 V) 315 kl (400 V) 560 kl (415 V) 560 kl (500 V) 710 kl (500 V) 710 kl (590 V) 1000 kl         Conventional Free-air $\Theta = 40 ^{\circ}$ C 1250         Thermal Current ( $l_{th}$ ) $\Theta = 40 ^{\circ}$ C 1250         Conventional Thermal       Fully Enclosed 1000         Current ( $l_{the}$ )       12 kl         Rated Inpulse Withstand       12 kl         Voltage ( $U_{imp}$ )       1000         Rated Insulation Voltage       Main Circuit 690 V Al         Rated Operational Voltage       Main Circuit 690 V Al         Rated Operational Voltage       for 1 s 40 kiloampere rm         Withstand Current Low       (690 V) 80 kl         Voltage ( $l_{cw}$ )       (690 V) 80 kl         Power Loss       at Rated Operating Conditions per Pole 110 V         Pollution Degree       Operation per Pole 110 V	•	(380 415 V) 1000 A
AC-23A (Pe)       (400 V) 560 ki (415 V) 560 ki (590 V) 1000 ki (690 V) 1000 ki         Conventional Free-air Thermal Current (Ith) $\Theta = 40 \degree C$ 1250         Conventional Thermal Current (Ithe)       Fully Enclosed 1000         Rated Impulse Withstand Voltage (Uimp)       12 k         Rated Insulation Voltage (Ui)       1000         Rated Operational Voltage       1000         Rated Operational Voltage       1000         Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )       for 1 s 40 kiloampere rm Withstand Current Low Voltage (I <sub>cw</sub> )         Rated Conditional Short- Circuit Current (I <sub>nc</sub> )       (690 V) 80 k         Power Loss       at Rated Operating Conditions per Pole 110 V         Power Loss       at Rated Operating Conditions per Pole 110 V		(500 V) 1000 A (690 V) 1000 A
Thermal Current (Ith)       Fully Enclosed 1000         Conventional Thermal       Fully Enclosed 1000         Current (Ithe)       12 k         Rated Impulse Withstand       12 k         Voltage (Uimp)       1000         Rated Insulation Voltage       1000         (Ui)       Main Circuit 690 V A         Rated Operational Voltage       Main Circuit 690 V A         Rated Short-time       for 1 s 40 kiloampere rm         Withstand Current Low       Voltage (Icw)         Rated Conditional Short-       (690 V) 80 k         Circuit Current (Inc)       at Rated Operating Conditions per Pole 110 V         Power Loss       at Rated Operating Conditions per Pole 110 V		(220 240 V) 315 kW (400 V) 560 kW (415 V) 560 kW (500 V) 710 kW (690 V) 1000 kW
Current (I <sub>the</sub> )       12 k         Rated Impulse Withstand       12 k         Voltage (U <sub>imp</sub> )       1000         Rated Insulation Voltage       1000         (U <sub>i</sub> )       Main Circuit 690 V A         Rated Operational Voltage       Main Circuit 690 V A         Rated Short-time       for 1 s 40 kiloampere rm         Withstand Current Low       Voltage (I <sub>cw</sub> )         Rated Conditional Short-       (690 V) 80 k         Circuit Current (I <sub>nc</sub> )       at Rated Operating Conditions per Pole 110 V         Power Loss       at Rated Operating Conditions per Pole 110 V		Θ = 40 °C 1250 A
Voltage (U <sub>imp</sub> )       1000         Rated Insulation Voltage       1000         Rated Operational Voltage       Main Circuit 690 V A         Rated Short-time       for 1 s 40 kiloampere rm         Withstand Current Low       Voltage (I <sub>cw</sub> )         Rated Conditional Short-       (690 V) 80 k         Circuit Current (I <sub>nc</sub> )       at Rated Operating Conditions per Pole 110 V         Power Loss       at Rated Operating Conditions per Pole 110 V		Fully Enclosed 1000 A
(Ui)       Rated Operational Voltage       Main Circuit 690 V A         Rated Short-time       for 1 s 40 kiloampere rm         Withstand Current Low       Voltage (Icw)         Rated Conditional Short-       (690 V) 80 k         Circuit Current (Inc)       (690 V) 80 k         Power Loss       at Rated Operating Conditions per Pole 110 V         Pollution Degree       Image: Conditional Short-		12 kV
Rated Short-time       for 1 s 40 kiloampere rm         Withstand Current Low       Voltage (I <sub>cw</sub> )         Rated Conditional Short-       (690 V) 80 k         Circuit Current (I <sub>nc</sub> )       at Rated Operating Conditions per Pole 110 V         Power Loss       at Rated Operating Conditions per Pole 110 V         Pollution Degree       Image: Conditional Short-		1000 V
Withstand Current Low         Voltage (I <sub>cw</sub> )         Rated Conditional Short-         Circuit Current (I <sub>nc</sub> )         Power Loss         at Rated Operating Conditions per Pole 110 V         Pollution Degree	Rated Operational Voltage	Main Circuit 690 V AC
Circuit Current (Inc)       at Rated Operating Conditions per Pole 110 V         Power Loss       at Rated Operating Conditions per Pole 110 V         Pollution Degree       Pollution Degree	Withstand Current Low	for 1 s 40 kiloampere rms
Pollution Degree		(690 V) 80 kA
	Power Loss	at Rated Operating Conditions per Pole 110 W
Handle Type Pistol handle and shaft include	Pollution Degree	3
	Handle Type	Pistol handle and shaft included

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Fourth Pole Type	Detachable Neutral Link Integrated Into the Mechanism
Switches Operating Mechanism	03 (Left Side)
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Fuse Size	D1
Fuse System	British Standard
Operating Mode	Front Operated
Standards	IEC 60947-3
Special Functions	Detachable Neutral
Mounting Type	Base mounting
Number of Poles	3
Terminal Type	Lug terminals
Terminal Width	50 mm
Tightening Torque	50 75 N·m
Rated Current (I <sub>n</sub> )	Main Circuit 1250 A
Technical UL/CSA	
Tightening Torque	50 75 N·m
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 OS1200-1250 2015.pdf
Declaration of Conformity - CE	1SCC311127D2703
REACH Declaration	1SCC011021D0201
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	32.46 kg 71.56 lb
Package Level 1 EAN	6417019413945
Oleasifications	
Classifications	
Object Classification Code	Q
ETIM 7	EC001040 - Fuse switch disconnector

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ETIM 8	EC001040 - Fuse switch disconnector
ETIM 9	EC001040 - Fuse switch disconnector
eClass	V11.1 : 27371401
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3661014

## Categories

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

