



PRODUCT-DETAILS

OT250E33

OT250E33 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT250E33
Product ID	1SCA103720R1001
EAN	6417019380964
Catalog Description	OT250E33 SWITCH-DISCONNECTOR
Long Description	6-pole, front operated, base mounted switch-diconductor, handle and shaft are not included, terminal bolt kit included

ABB EcoSolutions	
End Of Life Disassembling Instructions	1SCC301117M0201
Environmental Information	1SCC301265D0201
Environmental Product Declaration - EPD	1SCC301282D0201

Material Compliance	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads	
Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220
Mechanical Drawings	OT200E33.igs
Environmental Product Declaration - EPD	1SCC301282D0201

Environmental	
Degree of Protection	Front IP00
Environmental Information	1SCC301265D0201
Pollution Degree	3

Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Dimensions	
Product Net Width	255.5 mm
Product Net Height	150 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	2.1 kg

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	260 mm 10.2 in
Package Level 1 Depth / Length	290 mm 11.4 in
Package Level 1 Height	190 mm 7.5 in
Package Level 1 Gross Weight	2.7 kg 6 lb
Package Level 1 EAN	6417019380964

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 250 A
Conventional Thermal Current (I_{the})	Fully Enclosed 250 A
Degree of Protection	Front IP00
Distance Between Phases	Standard
Handle Type	Handle and shaft not included
Lock Type	No
Mechanical Durability	20000
Mounting Type	Base mounting
Number of Poles	6P
Operating Mode	Front operated
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 6.5 W
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1000 V
Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Current DC-21B (I_e)	(1000 V) 250 A
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 30 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 8 kA
Special Functions	No
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism Between the Poles 33 (Between the Poles)
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 15 ... 22 N·m

Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 15 ... 22 N·m
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Certificates and Declarations

A2L Certificate – IEC	1SCC301337D0201
Declaration of Conformity - CE	1SCC301163D2702
DNV GL Certificate	1SCC301174D0204

External Classifications and Standards		
Object Classification Code		Q
ETIM 8	EC000216 - Switch disconnecter	
ETIM 9	EC000216 - Switch disconnecter (low voltage)	
UNSPSC		39122233
IDEA Granular Category Code (IGCC)	5290 >> Disconnect switch	
eClass		V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)	

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

