



PRODUCT-DETAILS

OT630E33P

OT630E33P SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT630E33P
Product ID	1SCA107832R1001
EAN	6417019413310
Catalog Description	OT630E33P SWITCH-DISCONNECTOR
Long Description	6-pole, front operated, base mounted switch-diconductor with black IP65 handle and shaft, terminal bolt kit included

ABB EcoSolutions	
End Of Life Disassembling Instructions	1SCC301119M0201
Environmental Information	1SCC301232D0201
Environmental Product Declaration - EPD	1SCC301284D0201

Material Compliance		
Conflict Minerals Reporting Template (CMRT)		9AKK108467A5658
REACH Declaration		1SCC011021D0201
RoHS Declaration		1SCC011020D0201
RoHS Information	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		1SCC301042M0211
Mechanical Drawings		1SCC301488F0001
		1SCC301487F0001
		OT630-800E33.stp
		OT630-800E33.igs
Environmental Product Declaration - EPD		1SCC301284D0201

Environmental		
Degree of Protection		Front IP00
Environmental Information		1SCC301232D0201
Pollution Degree		3

Ordering		
Minimum Order Quantity		1 piece
Customs Tariff Number		85365080
Country or Territory of Origin		Finland

Dimensions		
Product Net Width		461 mm
Product Net Height		250 mm
Product Net Depth / Length		140 mm
Product Net Weight		7.7 kg

Container Information		
Package Level 1 Units		box 1 piece
Package Level 1 Width		400 mm
Package Level 1 Depth / Length		500 mm
Package Level 1 Height		150 mm
Package Level 1 Gross Weight		11.1 kg

Package Level 1 EAN

6417019413310

Technical

Conventional Free-air Thermal Current (I _{th})	Θ = 40 °C 630 A
Conventional Thermal Current (I _{the})	Fully Enclosed 630 A
Degree of Protection	Front IP00
Distance Between Phases	Standard
Handle Color	Black
Handle Type	Handle and shaft included
Mechanical Durability	10000
Mounting Type	Base mounting
Number of Poles	6P
Operating Mode	Front
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 25 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) 630 A (500 V) 630 A (690 V) 630 A (1000 V) 630 A
Rated Operational Current DC-21B (I _e)	(1000 V) 600 A
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I _{cm})	(690 V) 80 kA
Rated Short-time Withstand Current Low Voltage (I _{cw})	for 1 s 20 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 50 ... 75 N·m

Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
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Certificates and Declarations

A2L Certificate – IEC	1SCC301337D0201
Declaration of Conformity - CE	1SCC301140D2704
DNV GL Certificate	1SCC301184D0203

External Classifications and Standards		
Object Classification Code		Q
ETIM 9	EC000216 - Switch disconnecter (low voltage)	
ETIM 10	EC000216 - Switch disconnecter (AC)	
UNSPSC	39122233	
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

