PRODUCT-DETAILS

OT600U12P

OT600U12P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT600U12P
Product ID	1SCA022753R7710
EAN	6417019245362
Catalog Description	OT600U12P SWITCH-DISCONNECTOR
Long Description	Including handle: NEMA 1, 3R, 12, IP65 and shaft

ABB EcoSolutions

End of Life Instructions	1SCC301119M0201
Environmental Information	1SCC301232D0201
Environmental Product Declaration - EPD	1SCC301284D0201

Material Compliance

Conflict Minerals Reporting Template	9AKK108467A5658

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(CMRT)	
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	1SCC301042M0211
Mechanical Drawings	1SCC301380F0001 1SCC301379F0001 OT600_800E12.igs
Environmental Product Declaration - EPD	1SCC301284D0201
End of Life Instructions	1SCC301119M0201

Environmental

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

Ordering

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

Dimensions

Product Net Width	266 mm
Product Net Height	250 mm
Product Net Depth / Length	140 mm
Product Net Weight	5.6 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	260 mm
Package Level 1 Depth / Length	335 mm
Package Level 1 Height	152 mm
Package Level 1 Gross Weight	6.6 kg
Package Level 1 EAN	6417019245362

Technical

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Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 600 A
Conventional Thermal Current (I_{the})	Fully Enclosed 600 A
Degree of Protection	Front IP00
Distance Between Phases	Standard
Handle Color	Black
Handle Type	Handle and shaft included
Lock Type	Yes
Mechanical Durability	10000
Mounting Type	Base mounting
Number of Poles	3P
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 40 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)	(500 V) 800 A (690 V) 800 A (380 ... 415 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)	(380 ... 415 V) 450 kW (500 V) 560 kW (690 V) 800 kW
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 / UL 98 / CSA C22.2 NO.4
Switches Operating Mechanism	Mechanism Between the Poles 12 (Between the Poles)
Terminal Type	Lug terminals
Terminal Width	39 mm
Tightening Torque	acc. IEC 60947-1 56.5 N·m

Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Ampere Rating	600 A
Horsepower Rating UL/CSA	(acc. to UL 200 V) 150 Hp (acc. to UL 208 V) 150 Hp (acc. to UL 240 V) 200 Hp (acc. to UL 480 V) 450 Hp

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	(acc. to UL 600 V) 500 Hp
Tightening Torque	acc. IEC 60947-1 56.5 N·m

Certificates and Declarations

BV Certificate	1SCC301103D0201
Declaration of Conformity - CE	1SCC301140D2704
UL Certificate	cULus certificate OT600

Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3660860

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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