



PRODUCT-DETAILS

OT600U30

OT600U30 SWITCH-DISCONNECTOR



General Information

Extended Product Type:	OT600U30
Product ID:	1SCA022798R0650
EAN:	6417019264080
Catalog Description:	OT600U30 SWITCH-DISCONNECTOR
Long Description:	Handle and shaft must be ordered separately.
Display Name:	OT600U30

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:	1SCC301314F0001 1SCC301313F0001 OT600U30.stp OT600_800E30.igs

Environmental

Degree of Protection:	Front IP00
Pollution Degree:	3

Ordering

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

Dimensions

Product Net Width:	266 mm
Product Net Height:	250 mm
Product Net Depth / Length:	140 mm
Product Net Weight:	6.3 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:	6.7 kg
Package Level 1 EAN:	6417019264080

Technical

Color:	Grey
Conventional Thermal Current (I_{the}):	Fully Enclosed 600 A
Distance Between Phases:	Standard
Mechanical Durability:	10000
Mounting Type:	Base mounting
Number of Poles:	3P
Operating Mode:	Front
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-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 at the End of the Switch 30 (Right Side)
Terminal Type:	Lug terminals
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 (acc. to UL 600 V) 500 Hp

Certificates and Declarations

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

External Classifications and Standards

Object Classification Code:	Q
ETIM 9:	EC000216 - Switch disconnecter (low voltage)
ETIM 10:	EC000216 - Switch disconnecter (AC)
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

Products > Low Voltage Products and Systems > Switches > Switch Disconnectors

