

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.

### Ordering

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

### Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301042M0211
Mechanical Drawings	1SCC301314F0001 1SCC301313F0001 OT600U30.stp OT600_800E30.igs

## Dimensions

Product Net Width	266 mm
Product Net Height	250 mm
Product Net Depth / Length	140 mm
Product Net Weight	6.3 kg

## Technical

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
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 600 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	12 kV
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 1000 V
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
Power Loss	at Rated Operating Conditions per Pole 40 W
Pollution Degree	3
Handle Type	Handle and shaft not included
Switches Operating Mechanism	Mechanism at the End of the Switch 30 (Right Side)
Distance Between Phases	Standard
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Operating Mode	Front operated
Standards	IEC 60947-3 / UL 98 / CSA C22.2 NO.4
Special Functions	No
Mounting Type	Base mounting
Number of Poles	3
Degree of Protection	Front IP00
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 56.5 N·m
Mechanical Durability	10000
Lock Type	No

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
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

Ampere Rating UL/CSA

600 A

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## Environmental

RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	1SCC301232D0201

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## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC301140D2704
Environmental Information	1SCC301232D0201
Instructions and Manuals	1SCC301042M0211
RoHS Information	1SCC301140D2704
UL Certificate	cULus certificate OT600

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## 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

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## Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
UNSPSC	39122233
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

