



ABB OT800U30C Change Over Switch User Manual

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ABB OT800U30C Change Over Switch



Product Details

- **Product Name:** OT800U30C CHANGE-OVER SWITCH
- **Product ID:** OT800U30C
- **EAN:** 6417019383842
- **Catalog Description:** 800A, 3 pole manual change-over switch. Handle and shaft has to be ordered separately. UL version.

General Information

- **Extended Product Type:** 1SCA104048R1001
- **Conflict Minerals Reporting Template (CMRT):** 9AKK108467A5658

Environmental Information:

- **REACH Declaration:** 1SCC303050D0201
- **RoHS Information:** 1SCC011021D0201, 1SCC011020D0201

Ordering

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

Dimensions

- **Product Net Width:** 400 mm
- **Product Net Height:** 376 mm
- **Product Net Depth / Length:** 335 mm
- **Product Net Weight:** 38.11 kg

Technical Information

- **Rated Operational Current AC-21A (Ie):** (380 ... 415 V) 1600 A
- **Rated Operational Current AC-22A (Ie):** (500 V) 1600 A
- **Rated Operational Current AC-23A (Ie):** (690 V) 1600 A
- **Rated Operational Current AC-23A (Ie):** (380 ... 415 V) 1600 A
- **Rated Operational Current AC-23A (Ie):** (380 ... 415 V) 1000 A
- **Rated Insulation Voltage:** 12 kV
- **Rated Impulse Withstand Voltage:** 1000 V
- **Short Circuit Withstand Current:** 1000 V for 1 s 50 kiloampere rms
- **Power Loss:** 48 W

Product Usage Instructions

1. Make sure the handle and shaft are ordered separately.
2. Install the OT800U30C CHANGE-OVER SWITCH according to the desired top in-bottom out or bottom in-top out configuration.
3. The switch is front operated and has a UL 98 / IEC60947-6-1 rating.
4. Mount the switch using the base mounting option.
5. The front of the switch has an IP20 rating.
6. The switch has a cycle life of 3000 cycles.
7. The product is open and should not be used if damaged or faulty.

Note: The product specifications and information provided are subject to change without notice. Please refer to the user manual for the most up-to-date information.

General Information

- Extended Product
 - Type OT800U30C
- Product ID
 - 1SCA104048R1001
- EAN
 - 6417019383842
- Catalog Description
 - OT800U30C CHANGE-OVER SWITCH
- Long Description
 - 800A, 3 pole manual change-over switch. Handle and shaft has to be ordered separately. UL version.

Circular Value

- Conflict Minerals Reporting Template (CMRT)
 - 9AKK108467A5658
- Environmental Information
 - 1SCC303050D0201
- REACH Declaration
 - 1SCC011021D0201
- RoHS Information
 - 1SCC011020D0201

Ordering

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

Popular Downloads

- Data Sheet, Technical Information
 - 1SCC303003C0201
- Instructions and Manuals
 - 1SCC303008M0208

Dimensions

- Product Net Width
 - 400 mm
- Product Net Height
 - 376 mm
- Product Net Depth / Length
 - 335 mm
- Product Net Weight
 - 38.11 kg

Technical

- Rated Operational Current AC-21A (I_e)
 - (380 ... 415 V) 1600 A (500 V) 1600 A (690 V) 1600 A
- Rated Operational Current AC-22A (I_e)
 - (380 ... 415 V) 1600 A (500 V) 1600 A (690 V) 1600 A

- Rated Operational Current AC-23A (Ie)
 - (380 ... 415 V) 1600 A (500 V) 1600 A (690 V) 1600 A
- Rated Operational Current AC-31B (Ie)
 - (380 ... 415 V) 1600 A
- Rated Operational Current AC-33B (Ie)
 - (380 ... 415 V) 1000 A
- Conventional Free-air Thermal Current (Ith)
 - $\Theta = 40\text{ }^{\circ}\text{C}$ 1600 A
- Rated Impulse Withstand Voltage (Uimp)
 - 12 kV
- Rated Insulation Voltage (Ui)
 - 1000 V
- Rated Operational Voltage
 - 1000 V
- Rated Short-time Withstand Current Low Voltage (Icw)
 - for 1 s 50 kiloampere rms
- Power Loss
 - 48 W
- Pollution Degree
 - 3
- Handle Color
 - Black
- Handle Type
 - Handle and shaft not included
- Switches Operating
 - Mechanism at the End of the Switch Mechanism
- Distance Between Phases
 - Standard
- Position of Line Terminals
 - Top In – Bottom Out, Bottom In – Top Out
- Operating Mode
 - Front-operated
- Standards
 - UL 98 / IEC60947-6-1
- Mounting Type
 - Base mounting
- Number of Poles
 - 3
- Degree of Protection
 - Front IP20
- Mechanical Durability 3
 - 000 cycle
- Transition Type

- Open

Technical UL/CSA

- Ampere Rating
 - 800 A
- Horsepower Rating UL/CSA
 - (acc. to UL 240 V) 250 Hp
 - (acc. to UL 480 V) 500 Hp
 - (acc. to UL 600 V) 500 Hp

Environmental

- RoHS Status
 - Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
- Environmental Information
 - 1SCC303050D0201

Certificates and Declarations

- Declaration of Conformity – CE
 - 1SCC303015D2702
- REACH Declaration
 - 1SCC011021D0201

Container Information

- Package Level 1 Units
 - 1 piece
- Package Level 1 Width
 - 394 mm
- Package Level 1 Depth /Length
 - 560 mm
- Package Level 1 Height
 - 368 mm
- Package Level 1 Gross Weight
 - 40.36 kg
- Package Level 1 EAN
 - 6417019383842

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
- 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 → Change-over and Transfer Switches → Manual Change-over Switches

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Subject to change without notice

Documents / Resources

	<p>ABB OT800U30C Change Over Switch [pdf] User Manual OT800U30C Change Over Switch, OT800U30C, Change Over Switch, Over Switch</p>
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