



PRODUCT-DETAILS

OT600U12C

OT600U12C Manual transfer switch



General Information	
Extended Product Type	OT600U12C
Product ID	1SCA022786R1640
EAN	6417019256344
Catalog Description	OT600U12C Manual transfer switch
Long Description	600A, 3 pole manual change-over switch. Handle and shaft has to be ordered separately. UL version.

ABB EcoSolutions	
Environmental Information	1SCC303050D0201

Material Compliance	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Popular Downloads

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

Environmental

Degree of Protection	Front IP20
Environmental Information	1SCC303050D0201
Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	311 mm 12.24 in
Product Net Height	250 mm 9.84 in
Product Net Depth / Length	280 mm 11.02 in
Product Net Weight	15 kg 33.07 lb

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	310 mm 12.2 in
Package Level 1 Depth / Length	560 mm 22.05 in
Package Level 1 Height	330 mm 12.99 in
Package Level 1 Gross Weight	18.14 kg 39.99 lb
Package Level 1 EAN	6417019256344

Technical

Conventional Free-air Thermal Current (I_{th})	$\Theta = 40\text{ }^{\circ}\text{C}$ 800 A
Degree of Protection	Front IP20
Distance Between Phases	Standard
Handle Color	Black
Handle Type	Handle and shaft not included
Mechanical Durability	5000 cycle
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)		1000 V
Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 630 A (500 V) 630 A (690 V) 630 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 Current AC-31B (I_e)	(380 ... 415 V) 800 A	
Rated Operational Current AC-33B (I_e)	(380 ... 415 V) 800 A	
Rated Operational Voltage	Main Circuit 1000 V	
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 20 kiloampere rms	
Standards	UL 98 / IEC60947-6-1	
Switches Operating Mechanism	Mechanism Between the Poles 12 (Between the Poles)	
Terminal Type	Screw Terminals	
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m	
Transition Type	Open	

Technical UL/CSA

Ampere Rating	600 A
Horsepower Rating UL/CSA	(acc. to UL 240 V) 200 Hp (acc. to UL 480 V) 450 Hp (acc. to UL 600 V) 500 Hp
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m

Certificates and Declarations

Declaration of Conformity - CE	1SCC303008D2703
DNV Certificate	1SCC303138D0201

External Classifications and Standards

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnect
ETIM 9	EC000216 - Switch disconnect (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

