



PRODUCT-DETAILS

OT630E04C

OT630E04C CHANGE-OVER SWITCH



General Information	
Extended Product Type	OT630E04C
Product ID	1SCA022785R4350
EAN	6417019255804
Catalog Description	OT630E04C CHANGE-OVER SWITCH
Long Description	630A, 4 pole manual change-over switch. Handle and shaft has to be ordered separately.

ABB EcoSolutions	
End Of Life Disassembling Instructions	1SCC303052M0201
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

Dimensions

Product Net Width	376 mm 14.8 in
Product Net Height	250 mm 9.84 in
Product Net Depth / Length	280 mm 11.02 in
Product Net Weight	18.14 kg 39.99 lb

Container Information

Package Level 1 Units	box 1 box
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	21.28 kg 46.91 lb
Package Level 1 EAN	6417019255804

Technical

Conventional Free-air Thermal Current (I _{th})	Θ = 40 °C 630 A
Conventional Thermal Current (I _{the})	Fully Enclosed 630 A
Degree of Protection	Front IP20
Distance Between Phases	Standard
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function
Handle Color	Black
Handle Type	Handle and shaft not included
Mounting Type	Base mounting

Number of Poles	4P
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 25 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) 630 A (500 V) 630 A (690 V) 630 A
Rated Operational Current AC-23A (I _e)	(380 ... 415 V) 630 A (500 V) 630 A (690 V) 630 A
Rated Operational Current AC-31B (I _e)	(380 ... 415 V) 630 A
Rated Operational Current AC-33B (I _e)	(380 ... 415 V) 630 A
Rated Operational Power AC-23A (P _e)	(380 ... 415 V) 355 kW (500 V) 400 kW (690 V) 630 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-time Withstand Current Low Voltage (I _{cw})	for 1 s 20 kiloampere rms
Switches Operating Mechanism	Mechanism at the End of the Switch 04 (Left Side)
Terminal Type	Screw Terminals
Terminal Width	40 mm
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
Transition Type	Open

Technical UL/CSA

Ampere Rating	630 A
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 disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
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

