PRODUCT-DETAILS

OT315E03C

OT315E03C CHANGE-OVER SWITCH



General Information

Extended Product Type	OT315E03C
Product ID	1SCA022764R2090
EAN	6417019249674
Catalog Description	OT315E03C CHANGE-OVER SWITCH
Long Description	315A, 3 pole manual change-over switch. Handle and shaft has to be ordered separately.

ABB EcoSolutions

Environmental Information	1SCC303050D0201

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201

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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	221 mm 8.7 in
Product Net Height	185 mm 7.28 in
Product Net Depth / Length	203 mm 7.99 in
Product Net Weight	5.68 kg 12.52 lb

Container Information

Package Level 1 Units	box 1 box
Package Level 1 Width	240 mm 9.45 in
Package Level 1 Depth / Length	270 mm 10.63 in
Package Level 1 Height	218 mm 8.58 in
Package Level 1 Gross Weight	5.7 kg 12.57 lb
Package Level 1 EAN	6417019249674

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 315 A
Conventional Thermal Current (I_{the})	Fully Enclosed 315 A
Degree of Protection	Front IP20

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Distance Between Phases	Standard
Handle Color	Black
Handle Type	Handle and shaft not included
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 6.5 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) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A
Rated Operational Current AC-31B (I_e)	(380 ... 415 V) 315 A
Rated Operational Current AC-33B (I_e)	(380 ... 415 V) 315 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 160 kW (500 V) 220 kW (690 V) 315 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 8 kiloampere rms
Switches Operating Mechanism	Mechanism at the End of the Switch 03 (Left Side)
Terminal Type	Screw Terminals
Terminal Width	25 mm
Tightening Torque	acc. IEC 60947-1 30 ... 44 N·m
Transition Type	Open

Technical UL/CSA

Ampere Rating	315 A
Tightening Torque	acc. IEC 60947-1 30 ... 44 N·m

Certificates and Declarations

Declaration of Conformity - CE	1SCC303004D2703
DNV Certificate	1SCC303138D0201

Classifications

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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



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