

PRODUCT-DETAILS

OTA40S3G

OTA40S3G EMC Safety switch



General Information

Extended Product Type	OTA40S3G
Product ID	1SCA142675R1001
ABB Type Designation	ABB1SCA142675R1001
EAN	6417019701745
Catalog Description	OTA40S3G EMC Safety switch
Long Description	<p>EMC safety switch, 3-p. 415V AC23 45A, 22kW. Mounted auxiliary contact: 1NO0NC. Aluminium enclosure. IP65. Black Round handle. Interlocked cover. The die casted aluminum alloy (silumin) enclosure is extremely rigid, and well suited for harsh environment. The surface is polyester coated and well protected from corrosion. Installation is made easy, thanks to the easy access to terminals, screwed cover and with the compression cable glands included. The cover is interlocked, and handle padlockable with two padlocks. The handle can also be padlocked in On position, by removing two small plastic covers. The enclosure is EMC approved, when EMC glands (not included) are used.</p>

Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Bulgaria (BG)

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340166M0205
Mechanical Drawings	OTFK1161313RM32.stp

Dimensions

Product Net Width	130 mm
Product Net Height	165 mm
Product Net Depth / Length	103 mm
Product Net Weight	1.45 kg

Technical

Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 63 A (500 V) 63 A (690 V) 63 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 45 A (500 V) 45 A (690 V) 20 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 22 kW (500 V) 22 kW (690 V) 15 kW
Conventional Thermal Current (I_{the})	Fully Enclosed 80 A
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 750 V
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V AC) 2.1 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 1.5 kA
Rated Conditional Short-Circuit Current (I_{nc})	13 kA
Power Loss	at Rated Operating Conditions per Pole 2.8 W
Pollution Degree	3
Handle Color	Black
Handle Type	Round handle
Position of Line Terminals	Top In - Bottom Out
Standards	IEC 60947-1, -3
Special Functions	EMC
Mounting Type	Panel mounted
Number of Poles	3
Neutral Type	No neutral terminal
Connecting Capacity Main Circuit	Screw Clamp 1.5 ... 35 mm ² Screw Clamp / PE Terminal 3pc, 1.5 ... 16 mm ²

Cable Cross-Section	1.5 ... 35 mm ²
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM32+M20 / 2xM32+M20
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK07
Enclosure Type	Frontex1
Enclosure Material	Aluminium
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	1 NO, 0 NC
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	1
Terminal Type	Screw Terminals
Tightening Torque	Main Circuit 2 N·m
Mechanical Durability	20000

Technical UL/CSA

Tightening Torque	Main Circuit 2 N·m
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Environmental

RoHS Status	Following EU Directive 2011/65/EU
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Certificates and Declarations

Declaration of Conformity - CE	1SCC340057D2701
REACH Declaration	1SCC340076D0201

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	136 mm
Package Level 1 Depth / Length	175 mm
Package Level 1 Height	140 mm
Package Level 1 Gross Weight	1.45 kg
Package Level 1 EAN	6417019701745

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)

eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Sweden)	3134594

Categories

Low Voltage Products and Systems → Enclosed Switches → Enclosed Safety Switches → Enclosed Safety Switches

