PRODUCT-DETAILS

OT160EVFCC3T

OT160EVFCC3T Safety switch



General Information

Extended Product Type	OT160EVFCC3T
Product ID	1SCA148656R1001
EAN	6417019782065
Catalog Description	OT160EVFCC3T Safety switch
Long Description	Safety switch, 3-p. 415V AC23 160A, 88kW. Mounted auxiliary contact: 2NO1NC. Plastic enclosure. IP65. Black Pistol handle. Interlocked cover. Defeatable interlocking. The enclosure in the OT series is using a rigid glass reinforced polycarbonate enclosure. The enclosure is UV protected, protected against low-pressure water jets (IP65), and hence built for outdoor and indoor use. The cable entries knock out types for II-flanges. Cables can be inserted from top and bottom. The handle is padlockable and made for three padlocks. The cover is interlocked. The interlocking can be defeated. PE terminals included.

Material Compliance

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

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RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	5d8f18cb-5cbc-4aa9-82a9-793405c2723b Finland
Simplified SCIP	d2a2820d-3c00-40fc-8647-f5c62189a9a6 Germany 811cc460-e17e-420c-b903-0c19bd83b1cd Poland a0c1ec8b-1b57-4f33-8fd0-eb0e8f304cb5 Hungary 7210e9d2-9405-4d2b-97a8-7da215351dd8 Belgium d37246b8-b73c-4816-b98f-2a01be745b3f Estonia b4761b5a-8be1-490d-9fe7-ad21162cc127 Greece 11a7eadd-890d-4da9-88c2-05bbbf8250b5 Portugal acb4096d-ee60-47f9-92a6-6ba157944051 Netherlands 7dcdccd9-1264-46fa-80a2-b9163d3f30a7 Croatia f9ecd6d0-6589-4ffb-a7c2-f4e0c91e9d5a Belgium a28329fc-34bb-42a7-816c-99fc9196d4ad Germany 0041d788-61cd-48f8-84c7-43ea9a59f87e Denmark 4791fb87-731b-4019-9e65-c43a5b02659f Spain 71355d09-7df6-4bf9-a18d-e1002005266c Sweden 982e7d5e-5fe2-4f68-a30e-9c7e6630f328 Germany 1d384240-4981-4d54-97d2-44d4a61e20d1 Germany 5e6b9d5d-17b5-49b3-be34-322da95f1818 France abde0ee3-5952-4da7-b4cc-a3d712d03013 Hungary 6247a74b-1228-4c39-8293-2dcec83f1cae Germany 08cf3d23-b038-4a40-8744-b50726853345 Poland 69784d9d-faea-4d68-b080-321e777a4a53 Czech Republic 83a3f36b-52c6-476e-b652-8a6f795a5220 France 785933ef-49f5-46bb-b29b-9e45060bc975 Italy e7e4b66f-0d4f-4dff-bf90-fd679d3edbde Poland c8cf6e61-d49f-44d1-b2f6-91090e39a917 Sweden 42050ba6-0900-4d86-81db-34a5dc147b01 Bulgaria 81fd2785-7d8a-432f-b8a0-81b6a97ae68e Norway
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340015M0004

Environmental

Degree of Protection	acc. to IEC 60529 IP65
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
Country or Territory of Origin	Finland

Dimensions

Product Net Width	280 mm
Product Net Height	560 mm
Product Net Depth / Length	130 mm
Product Net Weight	5.4 kg

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Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth / Length	710 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	7.6 kg
Package Level 1 EAN	6417019782065

Technical

Cable Entry Position	Top/Bottom
Cable Outlets Per Side	II-flange / II-flange
Color	RAL7032..7035
Connecting Capacity Main Circuit	Hole Diameter 8 mm Screw Clamp / PE Terminal 2pc,10 ... 70 mm^2
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Plastic
Enclosure Type	Fibox
Handle Color	Black
Handle Type	Pistol handle
Impact Resistance Rating	Housing IK08
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	2 NO, 1 NC
Neutral Type	No Neutral Terminal
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	2
Number of Poles	3P
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out
Rated Conditional Short-Circuit Current (I_{nc})	40.5 kA
Rated Insulation Voltage (U_i)	750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 80 kW (500 V) 112 kW (690 V) 144 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(1000 V AC) 30 kA
Rated Short-time Withstand Current Low	for 1 s 8 kA

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Voltage (I_{cw})	
Recommended Screw Driver	Main Circuit M8
Standards	IEC 60947-1, -3
Terminal Type	Bolt
Tightening Torque	Main Circuit 6 N·m

Technical UL/CSA

Recommended Screw Driver	Main Circuit M8
Tightening Torque	Main Circuit 6 N·m

Certificates and Declarations

Declaration of Conformity - CE	1SCC340002D2703

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
UNSPSC	39122205
IDEA Granular Category Code (IGCC)	5166 >> Safety switch
eClass	V11.1 : 27371403
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
E-Number (Finland)	3640408
E-Number (Norway)	1428982
E-Number (Sweden)	3134568

Categories

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

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