



 PRODUCT-DETAILS

OT160EVFCC3A

OT160EVFCC3A Safety switch



General Information

Extended Product Type	OT160EVFCC3A
Product ID	1SCA148655R1001
EAN	6417019782058
Catalog Description	OT160EVFCC3A Safety switch
Long Description	<p>Safety switch, 3-p. 415V AC23 160A, 88kW. Mounted auxiliary contact: 2NO1NC. Plastic enclosure. IP65. RedYellow Pistol handle. Interlocked cover. Defeatable interlocking.</p> <p>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.</p>

Material Compliance

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

RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	623ddb6b-41d7-43d2-a086-3429eb9f1b2f Finland
Simplified SCIP	c957df4b-9cb5-43f8-ae3e-2b31d87b69fc Germany 10cab6f2-d69b-4a1f-98d6-db80d86dabc1 Denmark bef5669c-ae3f-47a8-8ab4-5c666a0e3263 Poland 0dc73ccf-32e2-48f0-b441-56f1f8d28fec Greece 056d3b4b-487d-4181-b3af-d29d742b8804 Portugal 14d4f096-01c8-4f2d-a606-e92c5414d69e Poland d1d1a174-239b-4ec4-8b9b-897cab2d8f26 Netherlands ebbbb8d0-8f62-4088-a2c7-8ee897442f92 France 53bbc9d1-855d-4a68-a693-f4013fc8f209 Poland a806e890-4de2-422b-a8c2-05a986e231e5 Spain e397314e-7cec-4c40-af4d-591b5fabd0b6 France 287d19d2-b3fb-43ff-89fe-5fdf07cda012 Croatia 9e14401f-7bf2-4983-98b0-6e47ee2c8d75 Germany 0ce474da-6526-4d6a-ae92-a9a7e20e8721 Belgium e257d677-18ab-4309-8330-a8764dda927d Germany ac948480-5434-46fb-8ffd-2f195ce45ec1 Estonia 34a9c5a2-4397-4b8e-8600-1f7535d43574 Sweden e8761d8a-a4d7-48f2-ada2-8a0ebabe9fb4 Germany f3dabdd1-1577-409d-b349-90a734b122ee Hungary 5d58fde5-79e4-4fab-bd71-247428b79393 Germany 07cd21e1-3ac6-47da-beed-2ebd970f08dc Norway 480c226c-7912-44ad-8743-4b1ac2bf3cb4 Sweden a0f55acd-5da0-4e61-8e1f-0f52825f6297 Hungary 3e917196-6e84-41e3-bcd8-c746857ac96c Czech Republic dfc2115e-34a8-4632-8d0a-06d0a43bc376 Italy c02bc50e-8644-469d-86b4-f922102c8048 Bulgaria 5678d154-8027-45bc-8c4e-24a3bc6e034e Belgium
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

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	6417019782058

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	Red / Yellow
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

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
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External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnecter (low voltage)
ETIM 10	EC000216 - Switch disconnecter (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)

Categories

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

