PRODUCT-DETAILS

OT160EVFCC3A

OT160EVFCC3A Safety switch



General Information

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

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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	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

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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)

Categories

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

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