

PRODUCT-DETAILS

# OTA600P3Y

## OTA600P3Y EMC Safety switch



### General Information

Extended Product Type	OTA600P3Y
Product ID	1SCA144288R1001
ABB Type Designation	ABB1SCA144288R1001
EAN	6417019724591
Catalog Description	OTA600P3Y EMC Safety switch

Long Description

The dye 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 key hole type wall fastening, screwed cover and the included rubber type cable glands. The enclosure is arc proof. The cover is interlocked, and the interlocking can be defeated if needed. There are two or four cable entries, and one cable entry for the control cable. The unit is also EMC approved, and no additional EMC cable glands are needed. Earthing of the cable shield is done via the pullstopper. Neutral and PE terminals are included.

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
Country of Origin	Finland (FI)

### Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and	1SCC340167M0203

## Manuals

Mechanical Drawings	OTFK5975827PBL68.stp
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## Dimensions

Product Net Width	585 mm
Product Net Height	975 mm
Product Net Depth / Length	270 mm
Product Net Weight	33.7 kg

## Technical

Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 600 A (500 V) 600 A (690 V) 600 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 540 A (500 V) 552 A (690 V) 551 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 315 kW (500 V) 400 kW (690 V) 560 kW
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 600 A
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 1000 V
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(1000 V AC) 80 kA
Rated Short-time Withstand Current ( $I_{cw}$ )	for 1 s 20 kA
Power Loss	at Rated Operating Conditions per Pole 25 W
Pollution Degree	3
Handle Color	Red / Yellow
Handle Type	Pistol handle
Standards	IEC 60947-1, -3
Mounting Type	Panel mounted
Number of Poles	3
Connecting Capacity Main Circuit	Hole Diameter 12 mm Screw Clamp / PE Terminal 2pcs, 25...120 mm <sup>2</sup>
Cable Entry Position	Down/Down
Cable Outlets Per Side	Blank / 4x28...68+2xM20
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Type	Fro
Enclosure Material	Aluminium
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	2 NO, 2 NC
Mechanical Durability	10000

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC340057D2701
Instructions and Manuals	1SCC340167M0203
RoHS Information	1SCC340049D0202

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## Container Information

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Package Level 1 Units	box 1 piece
Package Level 1 Width	605 mm
Package Level 1 Depth / Length	909 mm
Package Level 1 Height	266 mm
Package Level 1 Gross Weight	36.3 kg
Package Level 1 EAN	6417019724591

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## Classifications

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Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
E-Number (Norway)	1414568

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## Categories

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

