

PRODUCT-DETAILS

# BWS616YTPN

## BWS616YTPN Safety switch



### General Information

Extended Product Type	BWS616YTPN
Product ID	2CMA142425R1000
EAN	7392696424257
Catalog Description	BWS616YTPN Safety switch

Long Description

The enclosure of the ABB's side controlled enclosed switches are made of rigid polycarbonate. The enclosure is UV protected, and protected against low pressure water jets (IP65), and hence built for outdoor and indoor use. The enclosure for 6 pole switches is available in different colors, grey and yellow. The cable entries are of none threaded knock out types with holes for 2 parallel cables, both from top and bottom. Membrane grommets and locking nuts are included (IP54). The handle is padlockable and made for one padlock. The cover is interlocked. The switch includes neutral and PE terminal. The terminals are easily accessible for easy installation.

### Ordering

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

### Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Mechanical Drawings	BAS3Y131965D25.stp

## Dimensions

Product Net Width	190 mm
Product Net Height	130 mm
Product Net Depth / Length	65 mm
Product Net Weight	0.54 kg

## Technical

Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 25 A (500 V) 25 A (690 V) 16 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 10 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 7.5 kW (500 V) 7.5 kW (690 V) 7.5 kW
Conventional Free-air Thermal Current ( $I_{th}$ )	32 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 32 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 690 V
Rated Operational Voltage	Main Circuit 690 V
Handle Color	Red
Handle Type	Side-operated handle
Standards	IEC 60947-1, -3
Number of Poles	6
Connecting Capacity Main Circuit	Screw Clamp 0.75...10 mm <sup>2</sup> Screw Clamp / PE Terminal 1pcs, 0.75...10 mm <sup>2</sup>
Cable Entry Position	Up/Down
Cable Outlets Per Side	2x $\emptyset$ 25.5+ $\emptyset$ 16.5 / 2x $\emptyset$ 25.5+ $\emptyset$ 16.5
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK08
Enclosure Material	Plastic
Maximum Mounted Auxiliary Contacts	2 NO, 0 NC
Mounted Auxiliary Contacts	1 NO, 0 NC
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	1

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC340062D2702
RoHS Information	1SCC340062D2702

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	132 mm

Package Level 1 Depth / Length	191 mm
Package Level 1 Height	68 mm
Package Level 1 Gross Weight	0.54 kg
Package Level 1 EAN	7392696424257

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### Classifications

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Object Classification Code	Q 2CMT005069
ETIM 4	EC000140 - CEE plug
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
UNSPSC	39120000
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601595

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### Categories

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

