

## PRODUCT-DETAILS

# BWS425TPSN

## BWS425TPSN Safety switch



### General Information

|                       |                          |
|-----------------------|--------------------------|
| Extended Product Type | BWS425TPSN               |
| Product ID            | 2CMA142421R1000          |
| EAN                   | 7392696424219            |
| Catalog Description   | BWS425TPSN Safety switch |

#### Long Description

The enclosure of the ABB's side controlled enclosed switches is 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 is available in different colors, grey, yellow and white. The cable entries are threaded and have knock out holes for 2 parallel cables, both from top and bottom. Membrane grommets are included (IP54). The handle is padlockable and made for one padlock. The cover is interlocked. The switch is made for 5 wire system, and have a switchable neutral terminal 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               | BAS2161368DM32.stp |

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 138 mm  |
| Product Net Height         | 168 mm  |
| Product Net Depth / Length | 68 mm   |
| Product Net Weight         | 0.42 kg |

## Technical

|                                                          |                                                                                                    |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Rated Operational Current AC-22A (I <sub>e</sub> )       | (380 ... 415 V) 40 A<br>(500 V) 32 A<br>(690 V) 32 A                                               |
| Rated Operational Current AC-23A (I <sub>e</sub> )       | (380 ... 415 V) 25 A<br>(500 V) 25 A<br>(690 V) 16 A                                               |
| Rated Operational Power AC-23A (P <sub>e</sub> )         | (380 ... 415 V) 11 kW<br>(500 V) 15 kW<br>(690 V) 11 kW                                            |
| Conventional Free-air Thermal Current (I <sub>th</sub> ) | 40 A                                                                                               |
| Conventional Thermal Current (I <sub>the</sub> )         | Fully Enclosed 32 A                                                                                |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )      | 8 kV                                                                                               |
| Rated Insulation Voltage (U <sub>i</sub> )               | acc. to IEC/EN 60664-1 690 V                                                                       |
| Rated Operational Voltage                                | Main Circuit 690 V                                                                                 |
| Handle Color                                             | Grey                                                                                               |
| Handle Type                                              | Side-operated handle                                                                               |
| Standards                                                | IEC 60947-1, -3                                                                                    |
| Number of Poles                                          | 4                                                                                                  |
| Connecting Capacity Main Circuit                         | Screw Clamp 0.75...10 mm <sup>2</sup><br>Screw Clamp / PE Terminal 1pcs, 0.75...10 mm <sup>2</sup> |
| Cable Entry Position                                     | Up/Down                                                                                            |
| Cable Outlets Per Side                                   | 2xM32 / 2xM32+M16                                                                                  |
| Degree of Protection                                     | acc. to IEC 60529 IP65                                                                             |
| Enclosure Material                                       | Plastic                                                                                            |
| Maximum Mounted Auxiliary Contacts                       | 1 NO, 0 NC                                                                                         |
| Mounted Auxiliary Contacts                               | 1 NO, 0 NC                                                                                         |

## Certificates and Declarations (Document Number)

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 1SCC340062D2702 |
| RoHS Information               | 2CMC300025D0001 |

## Container Information

|                                |             |
|--------------------------------|-------------|
| Package Level 1 Units          | box 1 piece |
| Package Level 1 Width          | 139 mm      |
| Package Level 1 Depth / Length | 169 mm      |
| Package Level 1 Height         | 70 mm       |
| Package Level 1 Gross Weight   | 0.42 kg     |

Package Level 1 EAN

7392696424219

Classifications

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| Object Classification Code | Q<br>2CMT005069                                            |
| ETIM 4                     | EC000140 - CEE plug                                        |
| ETIM 5                     | EC000216 - Switch disconnecter                             |
| ETIM 6                     | EC000216 - Switch disconnecter                             |
| ETIM 7                     | EC000216 - Switch disconnecter                             |
| UNSPSC                     | 39120000                                                   |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland)         | 3601590                                                    |
| E-Number (Norway)          | 1428821                                                    |

Categories

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

