PRODUCT-DETAILS

# BWS625TPN

## BWS625TPN Safety switch



### General Information

| | |
|---|---|
| Extended Product Type | BWS625TPN |
| Product ID | 2CMA142422R1000 |
| EAN | 7392696424226 |
| Catalog Description | BWS625TPN Safety switch |
| Long Description | Safety switch, 6-p. 415V AC23 25A, 11kW. Mounted auxiliary contact: 1NO0NC. Plastic enclosure. IP65. Grey Side-operated handle. Interlocked cover. 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 parallell 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. |

### Material Compliance

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|---|---|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |

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|---|---|
| REACH Declaration | 1SCC340076D0201 |
| RoHS Information | 1SCC340075D0201 |
| RoHS Status | Following EU Directive 2011/65/EU |
| Toxic Substances Control Act - TSCA | 1SCC340095D0201 |

## Ordering

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

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals | 9AKK108467A6812 |
| Mechanical Drawings | BAS3131965D25.stp |

## Dimensions

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|---|---|
| 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) 40 A<br>(500 V) 32 A<br>(690 V) 32 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 25 A<br>(500 V) 25 A<br>(690 V) 16 A |
| Rated Operational Power AC-23A ($P_e$) | (380 ... 415 V) 11 kW<br>(500 V) 15 kW<br>(690 V) 11 kW |
| Conventional Free-air Thermal Current ($I_{th}$) | 40 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 | Grey |
| Handle Type | Side-operated handle |
| Standards | IEC 60947-1, -3 |
| Number of Poles | 6 |
| Neutral Type | Fixed neutral |
| Connecting Capacity | Screw Clamp 0.75 ... 10 mm² |

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| | |
|---|---|
| Main Circuit | Screw Clamp / PE Terminal 1pc,0.75 ... 10 mm² |
| Cable Cross-Section | 0.75 ... 10 mm² |
| Wire Stripping Length | 7 mm |
| Recommended Screw Driver | Main Circuit Pozidriv 2 |
| Cable Entry Position | Top and/or Bottom |
| Cable Outlets Per Side | 2xø25.5+ø16.5 / 2xø25.5+ø16.5 |
| 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 |
| Tightening Torque | Main Circuit 1.2 N·m |
| Rated Current ($I_n$) | 25 A |

## Technical UL/CSA

| | |
|---|---|
| Wire Stripping Length | 7 mm |
| Recommended Screw Driver | Main Circuit Pozidriv 2 |
| Tightening Torque | Main Circuit 1.2 N·m |

## Certificates and Declarations

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|---|---|
| Declaration of Conformity - CE | 1SCC340062D2702 |

## Container Information

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|---|---|
| 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 | 7392696424226 |

## Classifications

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|---|---|
| Object Classification Code | Q<br>2CMT005069 |
| ETIM 8 | EC000216 - Switch disconnector |
| ETIM 9 | EC000216 - Switch disconnector (low voltage) |
| UNSPSC | 39122205 |
| IDEA Granular Category Code (IGCC) | 5166 >> Safety switch |
| eClass | V11.1 : 27371403 |

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|---|---|
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3601594 |
| E-Number (Norway) | 1428189 |

## Categories

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





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