



PRODUCT-DETAILS

BWS316TPN
BWS316TPN Safety switch



| General Information | |
|-----------------------|---|
| Extended Product Type | BWS316TPN |
| Product ID | 2CMA142417R1000 |
| EAN | 7392696424172 |
| Catalog Description | BWS316TPN Safety switch |
| Long Description | Safety switch, 3-p. 415V AC23 16A, 7.5kW. Mounted auxiliary contact: 1NO0NC. Plastic enclosure. IP65. Grey Side-operated handle. Interlocked cover. 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 fixed neutral terminal and PE terminal. The terminals are easily accessible for easy installation. |

| Material Compliance | |
|---|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration | 1SCC340076D0201 |
| RoHS Information | 1SCC340075D0201 |

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|-------------------------------------|--|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA | 1SCC340095D0201 |

Popular Downloads

| | |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals | 9AKK108467A6812 |
| Mechanical Drawings | BAS1131160DM25.stp |

Environmental

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|----------------------|------------------------|
| Degree of Protection | acc. to IEC 60529 IP65 |
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Ordering

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| Minimum Order Quantity | 10 piece |
| Customs Tariff Number | 85363030 |
| Country or Territory of Origin | Bulgaria |

Dimensions

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| Product Net Width | 111 mm |
| Product Net Height | 130 mm |
| Product Net Depth / Length | 60 mm |
| Product Net Weight | 0.32 kg |

Container Information

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|--------------------------------|------------------|
| Package Level 1 Units | ten pack 1 piece |
| Package Level 1 Width | 225 mm |
| Package Level 1 Depth / Length | 310 mm |
| Package Level 1 Height | 135 mm |
| Package Level 1 Gross Weight | 3.2 kg |
| Package Level 1 EAN | 7392696424172 |

Technical

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|--|---|
| Cable Cross-Section | 0.75 ... 10 mm² |
| Cable Entry Position | Top and/or Bottom |
| Cable Outlets Per Side | 2xM25 / 2xM25 |
| Connecting Capacity Main Circuit | Screw Clamp 0.75 ... 10 mm² Screw Clamp / PE Terminal 1pc, 0.75 ... 10 mm² |
| Conventional Free-air Thermal Current (I_{th}) | 32 A |
| Conventional Thermal Current (I_{the}) | Fully Enclosed 32 A |
| Degree of Protection | acc. to IEC 60529 IP65 |
| Enclosure Material | Plastic |
| Handle Color | Grey |
| Handle Type | Side-operated handle |

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|---|--|
| Impact Resistance Rating | Housing IK08 |
| Maximum Mounted Auxiliary Contacts | 1 NO, 0 NC |
| Mounted Auxiliary Contacts | 1 NO, 0 NC |
| Neutral Type | Fixed neutral |
| Number of Auxiliary Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 1 |
| Number of Poles | 3P |
| Rated Impulse Withstand Voltage (U_{imp}) | 8 kV |
| Rated Insulation Voltage (U_i) | acc. to IEC/EN 60664-1 690 V |
| 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 |
| Rated Operational Voltage | Main Circuit 690 V |
| Recommended Screw Driver | Main Circuit Pozidriv 2 |
| Standards | IEC 60947-1, -3 |
| Tightening Torque | Main Circuit 1.2 N·m |
| Wire Stripping Length | 7 mm |

Technical UL/CSA

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|--------------------------|-------------------------|
| 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 |
|--------------------------------|-----------------|

External Classifications and Standards

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|------------------------------------|--|
| Object Classification Code | Q 2CMT005069 |
| ETIM 9 | EC000216 - Switch disconnecter (low voltage) |
| ETIM 10 | EC000216 - Switch disconnecter (AC) |
| UNSPSC | 39122205 |
| IDEA Granular Category Code (IGCC) | 5166 >> Safety switch |
| eClass | V11.1 : 27371403 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3601584 |
| E-Number (Norway) | 1428813 |

Categories

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

