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PRODUCT-DETAILS

BWS625YTPN BWS625YTPN Safety switch



General Information	
Extended Product Type	BWS625YTPN
Product ID	2CMA142428R1000
EAN	7392696424288
Catalog Description	BWS625YTPN Safety switch

Long Description

Safety switch, 6-p. 415V AC23 25A, 11kW. Mounted auxiliary contact: 1NO0NC. Plastic enclosure. IP65. RedYellow 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	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201

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RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control Act - TSCA	1SCC340095D0201
ACI - IOCA	
Popular Downloads	
Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	9AKK108467A6812
Mechanical Drawings	BAS3Y131965D25.stp
Environmental	
Degree of Protection	acc. to IEC 60529 IP65
Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Bulgaria (BG)
Dimensions	
Product Net Width	190 mm
Product Net Height	130 mm
Product Net Depth / Length	65 mm
Product Net Weight	0.54 kg
Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width Package Level 1 Depth /	132 mm 191 mm
Length	101111111
Package Level 1 Height	68 mm
Package Level 1 Gross Weight	0.54 kg
Package Level 1 EAN	7392696424288
Technical	
Rated Operational Current AC-22A (I _e)	(380 415 V) 40 A (500 V) 32 A (690 V) 32 A
Rated Operational Current AC-23A (I _e)	(380 415 V) 25 A (500 V) 25 A (690 V) 16 A
Rated Operational Power AC-23A (P _e)	(380 415 V) 11 kW (500 V) 15 kW (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

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Rated Department Voltage Main Circuit 890 V Handle Type Side-operated handle Standards IEC 69847-1, 3 Number of Poles 6 Number of Poles 6 Number of Poles 6 One-tural Type Screw Clamp / Fixed neutral Connecting Capacity Main Screw Clamp / Fixed neutral Recommended Seracy Screw Clamp / Fixed neutral Recommended Seracy Main Circuit Post of Type 1 (Inc.) 15 no mm² Wire Stingbing Length 7 mm Main Circuit Post of Type 2 (Inc.) 10 mm² Wire Stingbing Length Top and/or Bottom Cable Entry Position Cable Entry Position Cable Entry Science Cable Entry Sc	Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 690 V	
Bandle Type	Rated Operational Voltage	Main Circuit 690 V	
Sandards IEC 60947-1, 3 Number of Poles 6 Neutral Type Fixed neutral Connecting Capacity Main Screw Clamp 0.75 10 mm² Circuit Screw Clamp / PE Terminal I pcg. 10 mm² Cable Cross-Section 0.75 10 mm² Cable Cross-Section 0.75 10 mm² Wire Stripping Length 7 mm Recommended Screw Main Circuit Pozidriv 2 mm² Cable Cntry Position Top android 2 mm² Cable Cntry Position 2 xe2 55 re16.5 / 2 xe2 5 sele.5 Degree of Protection acc to IEC 66929 IPc5 Impact Resistance Rating Housing KOB Enclosure Material 2 xe3 25 re16.5 / 2 xe2 5 sele.5 Degree of Protection acc to IEC 66929 IPc5 Impact Resistance Rating Housing KOB Enclosure Material 2 xe3 25 re16.5 / 2 xe2 5 sele.5 Recommended Screw 1 xe3 2 xe3	Handle Color	Red	
Number of Poles € Fixed neutral Connecting Capacity Main Circuit Screw Clamp 0.75 10 mm² Circuit Fixed neutral Connecting Capacity Main Circuit Screw Clamp 0.75 10 mm² Circuit Screw Clamp 0.75 10 mm² Circuit Screw Clamp 0.75 10 mm² Mire Stripping Length 9.75 10 mm² Mire Stripping Length 7. mm Mire Stripping Length Top and/or Bottom Cable Entry Position	Handle Type	Side-operated handle	
Neutral Type	Standards	IEC 60947-1, -3	
Connecting Capacity Main Circuit Screw Clamp / PE Terminal 1pc. 075 10 mm² Cable Cross-Section 0.75 10 mm² Crown Wire Stripping Length 9.75 10 mm² Vire Vire Vire Vire Vire Vire Vire Vire	Number of Poles	6	
Circuit Screw Clamp / PE Terminal Toc.0.75 10 mm² Cable Cross-Section 9.75 10 mm² Wire Stripping Length 7. mm Recommended Screw Main Circuit Pozidin's 2 Driver Cable Dutlets Position Top and/or Bottom Cable Cutters 16.5 i 2 xxx25.5 s+16.6 i 2 xxx2	Neutral Type	Fixed neutral	
Wire Stripping Length 7.mm Recommended Screw Main Circuit Peatin's Divier Cable Entry Position Top and/or Bottom Cable Outlets Per Side 2xe255-9-16.5 / 2xe25.59-16.5 / 2xe25.59-16.5 Degree of Protection e.cc. to IEC 60/529 IPS6 Impact Resistance Rating Housing IKS8 Enclosure Material Plastic Enclosure Material 2 NO, 0 NC			
Recommended Screw Driver Main Circuit Pozidriv 2 Driver Cable Entry Position Top and/or Bottom Cable Unites Per Side 2xa25.5+e16.5 / 2xa25.5+e16.5 / 2xa25.5+e16.5 pace for 16x / 2xa25.5 pace for 1	Cable Cross-Section	0.75 10 mm²	
Driver Cable Entry Position Top and/or Bottom Cable Outlets Per Side 2xa25.5+e16.5f /2xa25.5+e16.5 Degree of Protection acc. to IEC.00529 IPC5 Degree of Protection acc. to IEC.00529 IPC5 Degree of Protection acc. to IEC.00529 IPC5 Import Resistance Rating Housing IRC08 Enclosure Material Plastic Auxiliary Contracts 2 NO, 0 NC Auxiliary Contracts 1 NO, 0 NC Contracts NC 0 Contracts NC 0 Contracts NC 1 Contracts NC Auxiliary Contracts NC 2 Contracts NC Auxiliary Contracts NC Auxiliary Contracts NC Auxiliary Contracts NC Auxiliary Contracts NC	Wire Stripping Length	7 mm	
Cable Outlets Per Side 2xa25.5+e16.5 / 2xa25.5+e16.5 Degree of Protection acc. te16.6 0529 IP65 Degree of Protection acc. te16.0 60529 IP65 Impact Resistance Rating Housing IK08 Enclosure Material 2 NO, 0 NC Auxiliany Contacts 1 NO, 0 NC Mounted Auxiliary 0 Contacts 0 Number of Auxiliary 1 Contacts NC 1 Number of Auxiliary 1 Contacts NC 1 Tightening Torque Main Circuit 1.2 N·m Rated Current (I _n) 25 A Rated Voltage (U ₁) 7 mm Recommended Screw Main Circuit Pozidriv 2 Driver Main Circuit 1.2 N·m Certificates and Declarations Name of Circuit 1.2 N·m Certificates and Declarations 1 Declaration of Conformity 1 SCC340062D2702 CE C Classifications Q Object Classification Code Q CETIM 8 EC000216 - Switch disconnector (low voltage) UNSPSC 3912205		Main Circuit Pozidriv 2	
Degree of Protection acc. to IEC 60529 IP65 Impact Resistance Rating Housing IKMS Enclosure Material Pisatic Maximum Mounted 2 NO, 0 NC Auxiliary Contacts 1 NO, 0 NC Mounted Auxiliary 0 Contacts NC 0 Number of Auxiliary 1 Contacts NC 1 Number of Auxiliary 1 Contacts NC Main Circuit 1.2 Nm Rated Current (nn) 25 A Rated Voltage (Un) 100 130 V Technical UL/CSA Wire Stripping Length 7 mm Recommended Screw Main Circuit 1.2 Nm Certificates and Declarations Certificates and Declarations Certification Code Calculations Classification Code Calculations Certificates and Declarations Certification Code Calculations Certification Code Calculations <td cols<="" th=""><th>Cable Entry Position</th><th>Top and/or Bottom</th></td>	<th>Cable Entry Position</th> <th>Top and/or Bottom</th>	Cable Entry Position	Top and/or Bottom
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Maximum Mounted Auxiliary Contacts Auxiliary Contacts 1 NO, 0 NC Auxiliary (1 NO, 0 NC Contacts) Number of Auxiliary (1 Number of	Impact Resistance Rating	Housing IK08	
Auxiliary Contacts 1 NO, 0 NC Mounted Auxiliary 0 Contacts NC 0 Number of Auxiliary 1 Contacts NC 1 Tightening Torque Main Circuit 1.2 Nm Rated Current (In) 25 A Rated Voltage (Ur) 100 130 V Technical UL/CSA Wire Stripping Length 7 mm Recommended Screw Main Circuit Pozidirs 2 Driver Tightening Torque Main Circuit 1.2 Nm Certificates and Declarations Declaration of Conformity 1 SCC340062D2702 -CE 2 Classifications 2 City Science 2 City Science 3 912205 FIM 8 EC000216 - Switch disconnector ETIM 9 EC000216 - Switch disconnector ETIM 9 EC000216 - Switch disconnector (Iow voltage) UNSPSC 3 9122205 IDEA Granular Category 5 166 >> Safety switch Cold (IGCC) Celass WILL 1: 27371403 WILL 1: 27371403 WEEEE	Enclosure Material	Plastic	
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Wire Stripping Length 7 mm Recommended Screw Main Circuit Pozidriv 2 Driver Tightening Torque Main Circuit 1.2 N·m Certificates and Declarations Declaration of Conformity 1SCC340062D2702 -CE 1SCC340062D2702 Classifications Object Classification Code Q CCMT005069 ETIM 8 EC000216 - Switch disconnector ETIM 9 EC000216 - Switch disconnector ETIM 9 EC000216 - Switch disconnector (low voltage) UNSPSC 3912205 IDEA Granular Category S166 >> Safety switch Code (IGCC) eClass V11.1: 27371403 WEEE Category 5. Small Equipment (No External Dimension More Than 50 cm) E-Number (Finland) 3601596	Technical UL/CSA		
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WEEE Category 5. Small Equipment (No External Dimension More Than 50 cm) E-Number (Finland) 3601596		5166 >> Safety switch	
E-Number (Finland) 3601596		V11.1: 27371403	
	WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)	
E-Number (Norway) 1428191	F-Number (Finland)	3601596	
1720131	- Hamber (Filliana)	5001000	

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Categories

 $Low\ Voltage\ Products\ and\ Systems \rightarrow Enclosed\ Switches \rightarrow Enclosed\ Safety\ Switches \rightarrow Enclosed\ Safety\ Switches$

