



 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 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.

Material Compliance

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

RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	9AKK108467A6812
Mechanical Drawings	BAS3Y131965D25.stp

Environmental

Degree of Protection	acc. to IEC 60529 IP65
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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	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	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

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
Neutral Type	Fixed neutral
Connecting Capacity Main Circuit	Screw Clamp 0.75 ... 10 mm ² Screw Clamp / PE Terminal 1pc, 0.75 ... 10 mm ²
Cable Cross-Section	0.75 ... 10 mm ²
Wire Stripping Length	7 mm
Recommended Screw Driver	Main Circuit Pozidriv 2
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2x ϕ 25.5+ ϕ 16.5 / 2x ϕ 25.5+ ϕ 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
Tightening Torque	Main Circuit 1.2 N·m
Rated Current (I_n)	25 A
Rated Voltage (U_r)	100 ... 130 V

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

Declaration of Conformity - CE	1SCC340062D2702
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Classifications

Object Classification Code	Q 2CMT005069
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
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)	3601596
E-Number (Norway)	1428191

Categories

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

