

PRODUCT-DETAILS

BWS425TPSN

BWS425TPSN Safety switch



General Information

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

Long Description

Safety switch, 4-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 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.

Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201
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	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_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	Grey
Handle Type	Side-operated handle
Standards	IEC 60947-1, -3
Number of Poles	4
Neutral Type	Switchable 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
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM32 / 2xM32+M16
Degree of Protection	acc. to IEC 60529 IP65

Impact Resistance Rating	Housing IK08
Enclosure Material	Plastic
Maximum Mounted Auxiliary Contacts	1 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

Tightening Torque	Main Circuit 1.2 N·m
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Environmental

RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	2009-01
Toxic Substances Control Act - TSCA	1SCC340095D0201

Certificates and Declarations

Declaration of Conformity - CE	1SCC340062D2702
REACH Declaration	1SCC340076D0201

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 2CMT005069
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
UNSPSC	39120000
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601590

Categories

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

