PRODUCT-DETAILS

BWS416TPSN

BWS416TPSN Safety switch



General Information

Extended Product Type	BWS416TPSN
Product ID	2CMA142418R1000
EAN	7392696424189
Catalog Description	BWS416TPSN Safety switch
Long Description	Safety switch, 4-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 parallell 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.

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

Popular Downloads

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

Environmental

Degree of Protection	acc. to IEC 60529 IP65

Ordering

Minimum Order Quantity	10 piece
Customs Tariff Number	85363030
Country of Origin	Bulgaria (BG)

Dimensions

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

Container Information

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	7392696424189

Technical

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
Impact Resistance Rating	Housing IK08

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Maximum Mounted Auxiliary Contacts	1 NO, 0 NC
Mounted Auxiliary Contacts	1 NO, 0 NC
Neutral Type	Switchable neutral
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	1
Number of Poles	4P
Rated Current (I_n)	16 A
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

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

Classifications

Object Classification Code	Q 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
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601589
E-Number (Norway)	1428812

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Categories

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





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