

PRODUCT-DETAILS

BAS616/1SP

BAS616/1SP Safety switch



General Information

Extended Product Type	BAS616/1SP
Product ID	2CMA142307R1000
EAN	7392696423076
Catalog Description	BAS616/1SP Safety switch

Long Description

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.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Bulgaria (BG)

Popular Downloads

Data Sheet, Technical Information	2CMC341001D0001
Mechanical Drawings	BAS3131965D25.stp

Dimensions

Product Net Width	190 mm
Product Net Height	130 mm
Product Net Depth / Length	65 mm
Product Net Weight	0.54 kg

Technical

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
Conventional Free-air Thermal Current (I _{th})	25 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
Rated Conditional Short-Circuit Current (I _{nc})	25 kA
Pollution Degree	3
Handle Color	Grey
Handle Type	Side-operated handle
Position of Line Terminals	Top In - Bottom Out
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
Cable Entry Position	Up/Down
Cable Outlets Per Side	2xø25.5+ø16.5 / 2xø25.5+ø16.5
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK08
Enclosure Type	BAS616
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
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 1.2 N·m
Mechanical Durability	10000

Environmental	
RoHS Status	Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)	
Declaration of Conformity - CE	1SCC340062D2702
RoHS Information	1SCC340062D2702

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	192 mm
Package Level 1 Depth / Length	310 mm
Package Level 1 Height	132 mm
Package Level 1 Gross Weight	0.54 kg
Package Level 1 EAN	7392696423076

Classifications	
Object Classification Code	Q
ETIM 4	EC000216 - Switch disconnecter
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
UNSPSC	39120000
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Sweden)	3145285

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

