



 PRODUCT-DETAILS

BA316

BA316 Switch Disconnecter



General Information

Extended Product Type	BA316
Product ID	2CMA142302R1000
EAN	7392696423021
Catalog Description	BA316 Switch Disconnecter

Long Description	<p>Encl. Switch Disconnecter, 3-p. 415V AC23 16A, 7.5kW. 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 fixed neutral terminal and PE terminal. The terminals are easily accessible for easy installation.</p>
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Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
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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	9AKK107991A5982
Instructions and Manuals	9AKK108467A6812
Mechanical Drawings	BAS1131160DM25.stp

Environmental

Degree of Protection	acc. to IEC 60529 IP65
Pollution Degree	3

Ordering

Minimum Order Quantity	10 piece
Customs Tariff Number	85363010
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	0.31 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	3.1 kg
Package Level 1 EAN	7392696423021

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	(380 ... 415 V) 7.5 kW

AC-23A (P _e)	(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 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 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	3
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
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM25 / 2xM25
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK08
Enclosure Type	BA316
Enclosure Material	Plastic
Maximum Mounted Auxiliary Contacts	1 NO, 0 NC
Mounted Auxiliary Contacts	0 NO, 0 NC
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	0
Terminal Type	Screw Terminals
Tightening Torque	Main Circuit 1.2 N·m
Mechanical Durability	10000
Rated Current (I _n)	16 A

Technical UL/CSA

Wire Stripping Length	7 mm
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
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 (Sweden)	3145760

Categories

Low Voltage Products and Systems → Enclosed Switches → Enclosed Switch-Disconnectors → Enclosed Switch-Disconnectors

