

PRODUCT-DETAILS

## BWS316FTPN BWS316FTPN Safety switch



Extended Product Type	BWS316FTPN
Product ID	2CMA142440R1000
EAN	7392696424400
Catalog Description	BWS316FTPN Safety switch
Long Description	Safety switch, 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 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 fixed neutral terminal and PE
	terminal. The terminals are easily accessible for easy installation.
Reporting Template	terminal. The terminals are easily accessible for easy installation. 9AKK108467A5658
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Conflict Minerals Reporting Template	
Conflict Minerals Reporting Template (CMRT) REACH Declaration RoHS Information	9AKK108467A5658 1SCC340076D0201
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Country of Origin	Bulgaria (BG)
Popular Downloads	
Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	9AKK108467A6812
Mechanical Drawings	BAS1131160DM25.stp
Dimensions	
Product Net Width	111 mm
Product Net Height	130 mm
Product Net Depth / Length	60 mm
Product Net Weight	0.31 kg
Technical	
Rated Operational Current AC-22A (I <sub>e</sub> )	(380 415 V) 25 A (500 V) 25 A (690 V) 16 A
Rated Operational Current AC-23A (I <sub>e</sub> )	(380 415 V) 16 A (500 V) 16 A (690 V) 10 A
Rated Operational Power AC-23A (P <sub>e</sub> )	(380 415 V) 7.5 kW (500 V) 7.5 kW (690 V) 7.5 kW
Conventional Free-air Thermal Current (I <sub>th</sub> )	32 A
Conventional Thermal Current (I <sub>the</sub> )	Fully Enclosed 32 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Insulation Voltage	acc. to IEC/EN 60664-1 690 V

Rated Insulation Voltage (U <sub>i</sub> )	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	3
Neutral Type	Fixed neutral
Connecting Capacity Main Circuit	Screw Clamp 0.75 10 mm² Screw Clamp / PE Terminal 1pc,0.75 10 mm²
Cable Cross-Section	0.75 10 mm²
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 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
Tightening Torque	Main Circuit 1.2 N·m
Rated Current (In)	16 A

Tightening Torque	Main Circuit 1.2 N·r
	Main OnCut 1.2 NT
Environmental	
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	2009-0
Certificates and Declarations (Document Number)	
Declaration of Conformity - CE	1SCC340062D270
Instructions and Manuals	9AKK108467A681
REACH Declaration	1SCC340076D020
RoHS Information	1SCC340075D020
Container Information	
Package Level 1 Units	ten pack 10 piec
Package Level 1 Width	225 mr
Package Level 1 Depth / Length	310 m
Package Level 1 Height	135 mi
Package Level 1 Gross Weight	3.1 k
Package Level 1 EAN	739269642440
Classifications	
Object Classification Code	2CMT00506
ETIM 4	EC000140 - CEE plu
ETIM 5	EC000216 - Switch disconnecto
ETIM 6	EC000216 - Switch disconnecto
ETIM 7	EC000216 - Switch disconnecto
ETIM 8	EC000216 - Switch disconnecte
ETIM 9	EC000216 - Switch disconnector (low voltage
JNSPSC	3912000
eClass	V11.1 : 2737140
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm

## Categories

 $\label{eq:low-voltage-roducts} \text{Low Voltage Products and Systems} \rightarrow \text{Enclosed Switches} \rightarrow \text{Enclosed Safety Switches}$ 

