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PRODUCT-DETAILS

## LBAS345 Safety switch



General Information	
Extended Product Type	LBAS345
Product ID	2CMA142600R1000
EAN	7392696426008
Catalog Description	LBAS345 Safety switch
Long Description	Safety switch, 3-p. 415V AC23 63A, 25kW. Mounted auxiliary contact: 1NOONC. Aluminium enclosure. IP65. Black Round handle. Interlocked cover. The dye casted aluminum alloy (silumin) enclosure is extremely rigid, and well suited for harsh environment. The surface is polyester coated and well protected from corrosion. Installation is made easy, thanks to the easy access to terminals, screwed cover and with the grommet type of glands included (IP54). The cover is interlocked, and handle padlockable with two padlocks. The handle can also be padlocked in On position, by removing two small plastic bits. N and PE terminals included.

Material Compliance	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201
RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control	1SCC340095D0201

## Act - TSCA

Popular Downloads		
Data Sheet, Technical Information		9AKK107991A5982
Instructions and Manuals		1SCC340166M0205
Mechanical Drawings		OTFK2231614RM40.stp
Environmental		
Pollution Degree		3
Ordering Ordering		
Minimum Order Quantity		1 piece
Customs Tariff Number		85363030
Country of Origin		Bulgaria (BG)
Dimensions		
Product Net Width		160 mm
Product Net Height Product Net Depth / Length		230 mm 118 mm
Product Net Weight		1 kg
Package Level 1 Units Package Level 1 Width Package Level 1 Depth / Length		box 1 piece 170 mm 240 mm
Package Level 1 Height		150 mm
Package Level 1 Gross Weight		1 kg
Package Level 1 EAN		7392696426008
Technical		
Rated Operational Current AC-22A (I <sub>e</sub> )		(380 415 V) 63 A (500 V) 63 A (690 V) 63 A
Rated Operational Current AC-23A (I <sub>e</sub> )		(380 415 V) 63 A (500 V) 45 A (690 V) 20 A
Rated Operational Power AC-23A (P <sub>e</sub> )		(380 415 V) 25 kW (500 V) 22 kW (690 V) 15 kW
Conventional Free-air Thermal Current (I <sub>th</sub> )		63 A
Conventional Thermal Current (I <sub>the</sub> )		Fully Enclosed 63 A
Rated Insulation Voltage (U <sub>i</sub> )		acc. to IEC/EN 60664-1 750 V
Rated Operational Voltage		Main Circuit 750 V
Rated Short-Circuit		(690 V AC) 1.4 kA
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Rated Short-lime   For 1 s. 1 kA	Making Capacity (I <sub>cm</sub> )	
Circuit Current (Inc)         At Rated Operating Conditions per Pole 2.8 W Pollution Degree         3           Handle Color         Black           Handle Type         Round handle           Position of Line Terminals         Too In - Bottom Out           Standards         IEC 60947-1, -3           Number of Poles         3           Standards         IEC 60947-1, -3           Number of Poles         3           Connecting Capacity Main         Screw Clamp 15 35 mm²           Circuit         Screw Clamp 15 35 mm²           Cable Cruss-Section         Screw Clamp 7 PE Terminal 15 c 35 mm²           Wire Stipping Length         13 mm²           Cable Entry Posation         Top and one of the part of th	Withstand Current Low	for 1 s 1 kA
Pollution Degree         18 ab           Handle Cotor         Black           Handle Cotor         Round handle           Position of Line Terminals         Top in - Bottom Out           Standards         1600947-1, 3           Number of Poles         9           Number of Poles         18 ab           Number of Poles         18 ab           Connecting Capacity Main         Screw Clamp 1.5 35 mm²           Crow Clamp 1.6 35 mm²         Screw Clamp 1.5 35 mm²           Wire Stripping Length         18 ab           Cable Cross-Section         Top and/or Bottom           Cable Cross-Section         Top and/or Bottom           Cable Entry Position         Top and/or Bottom           Cable Cross-Section         Top and/or Bottom           Rabic Cross-Section         Top and/or Bottom           Recobsure Visu		13 kA
Handle Color         Black Handle Type         Round handle Dysesion of Line Terminals         Top In - Bottom Out         Position of Line Terminals         Top In - Bottom Out         Standards         IEC 69947-1,-3         3         Number of Poles         3         3         Neutral Type         Fixed neutral         2         Fixed neutral         3         Neutral Type         Fixed neutral         2         Screw Clamp / PE Terminal Type 5 35 mm² Crable Cross-Section         Screw Clamp / PE Terminal Type 5 35 mm² Cable Cross-Section         15 35 mm² Screw Clamp / PE Terminal Type 5 35 mm² Cable Cross-Section         15 35 mm² Screw Clamp / PE Terminal Type 5 35 mm² Cable Cross-Section         15 35 mm² Screw Clamp / PE Terminal Type 5 35 mm² Cable Cross-Section         15 35 mm² Screw Clamp / PE Terminal Type 5 35 mm² Cable Cross-Section         15 35 mm² Screw Clamp / PE Terminal Type 7 35 mm² Cable Cross-Section         15 35 mm² Screw Clamp / PE Terminal Type 7 35 mm² Cable Cross-Section         15 35 mm² Screw Clamp / PE Terminal Type 7 35 mm² Cable Cross-Section         15 35 mm² Screw Clamp / PE Terminal Type 7 35 mm² Cable Cross-Section         15 35 mm² Screw Clamp / PE Terminal Type 7 35 mm² Cable Cross-Section         15 35 mm² Cable Cross-Section Type 7 35 mm² Cable	Power Loss	at Rated Operating Conditions per Pole 2.8 W
Handle Type         Round handle Position of Line Terminals         Top In - Bottom One Standards         IEC 60947-1, -3 Standards         IEC 60947-1, -3 Standards         IEC 60947-1, -3 Number of Poles         3         3         Number of Poles         3         Standards         IEC 60947-1, -3 Standards         Number of Poles         3         Standards         IEC 60947-1, -3 Standards         Number of Poles         Screw Clamp / PE finded Pattern         Screw Clamp / PE finded Pattern / PE finded Pattern         Screw Clamp / PE finded Pattern         <	Pollution Degree	3
Position of Line Terminals         Top In - Bottom Out           Standards         EIC 60947-1, -3           Number of Poles         3           Neutral Type         Fixed neutral           Connecting Capacity Main         Screw Clamp J 1.5 35 mm²           Circuit         Screw Clamp J FE Terminal Tpc. 6 35 mm²           Cable Cross-Section         1.5 35 mm²           Wire Stripping Length         13 mm           Cable Cross-Section         Top and/or Bottom           Cable Cuttest Per Side         2,24M40 / 22M46-116           Cable Cuttest Per Side         2,44M40 / 22M46-116           Capacity Per Section         Top and/or Bottom           Cable Cuttest Per Side         2,44M40 / 22M46-116           Image: Capacity Administry         1,44ministry           Enclosure Material         Aluministry           Mounted Auxiliary         1           Contacts         0           Mounted Auxiliary         0           Contacts         0           Number of Auxiliary         1           Contacts         1           Number of Auxiliary         1           Contacts         1           Contacts         0           Terminal Type         Screw Terminals <td>Handle Color</td> <td>Black</td>	Handle Color	Black
Standards         IEC 60947-1,-3           Number of Poles         3           Neutral Type         Fise deneutral Connecting Capacity Main         Screw Clamp 1 5 35 mm² Screw Clamp 1 5 35 mm² Cable Cross-Section         15 35 mm² Screw Clamp / PE Terminal 1 pc.6 35 mm² Cable Cross-Section         15 35 mm² Screw Clamp / PE Terminal 1 pc.6 35 mm² M² Wire Stripping Length         13 mm         13 mm         Cable Entry Position         Top and/or Bottom Cable Outlets Per Side         2	Handle Type	Round handle
Number of Poles         3           Neutral Type         Fixed neutral Connecting Capacity Main         Screw Clamp 1.5 35 mm² Circuit         Screw Clamp 1.5 35 mm² Cable Contest Section         13 mm         Cable Curtest Section Potentor         Cartest Section Potentor <t< td=""><td>Position of Line Terminals</td><td>Top In - Bottom Out</td></t<>	Position of Line Terminals	Top In - Bottom Out
Neutral Type         Fixed neutral Connecting Capacity Main         Screw Clamp I S 35 mm² Claricut           Connecting Capacity Main         Screw Clamp I S 35 mm² Clable Cross-Section         1.5 35 mm² Screw Clamp I S 35 mm² I S 35 mm² Clable Cross-Section         1.5 35 mm² I S 35 mm² Clable Coulted Per Siricut I S 35 mm² Clable Coulted Service Section         1.5 35 mm² Clable Coulted Section Sec	Standards	IEC 60947-1, -3
Connecting Capacity Main Circuit         Screw Clamp / E Terminal 1p.c.6	Number of Poles	3
Circuit         Screw Clamp / PE Terminal Tip.e.6 35 mm²           Cable Cross-Section         1.5 35 mm²           Wire Stripping Length         1.3 mm           Cable Clattry Position         Top and/or Bottom           Cable Quites Per Side         2xM40/2xM40-M16           Impact Resistance Rating         Housing IKO9           Enclosure Type         Frontesz           Enclosure Material         Aluminium           Maximum Mounted         2 NO, 2 NC           Auxiliary Contacts         1 NO, 0 NC           Contacts         0           Number of Auxiliary         0           Contacts NC         1           Number of Auxiliary         1           Contacts NO         1           Terminal Type         Screw Terminals           Tightening Torque         Main Circuit 2 Nm           Mechanical Durability         20000           Rated Current (In)         45 A           Certificates and Declarations         Main Circuit 2 Nm           Declaration of Conformity         1 Scc340062D2702           Cell         Cell Conformity         1 Scc340062D2702           Cell         Cell Conformity         1 Scc340062D2702           Cell Sasification Code         Cell Condoi: 1 Switc	Neutral Type	Fixed neutral
Wire Stripping Length         13 mm           Cable Entry Position         Top and/or Bottom           Cable Cuttets Per Side         2xM40/2xM40-M16           Cable Cuttets Per Side         2xM40/2xM40-M16           Impact Resistance Rating         Housing IK09           Enclosure Type         Frontex2           Enclosure Material         Aluminium           Maximum Mounted         2 NO, 2 NC           Auxiliary         0           Contacts         0           Number of Auxiliary         0           Contacts NC         1           Number of Auxiliary         1           Contacts NC         1           Terminal Type         Screw Terminals           Tightening Torque         Main Circuit 2 Nm           Mechanical Durability         20000           Rated Current (In)         45 A           Technical UL/CSA           Wire Stripping Length         13 mm           Tabletning Torque         Main Circuit 2 Nm           Certificates and Declarations         Main Circuit 2 Nm           Declaration of Conformity         1 SCC340062D2702           CE         Contact Screw S		
Cable Entry Position         Top and/or Bottom           Cable Outlets Per Side         2xM404 / 2xM404 PM (As Mark) / 2xM404 PM (As Mark) (As Mark) / 2xM404 PM (As Mark) (As Mark	Cable Cross-Section	1.5 35 mm²
Cable Outlets Per Side         2xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	Wire Stripping Length	13 mm
Impact Resistance Rating         Housing IK09           Enclosure Type         Frontex2           Enclosure Material         Aluminium           Maximum Mounted         2 NO, 2 NC           Auxiliary Contacts         1 NO, 0 NC           Contacts         0           Number of Auxiliary         0           Contacts NC         1           Number of Auxiliary         Screw Terminals Type           Contacts NO         1           Terminal Type         Screw Terminals Type and Main Circuit 2 N m           Mechanical Durability         20000           Rated Current (In)         45 A           Technical UL/CSA         Main Circuit 2 N m           Certificates and Declarations         Main Circuit 2 N m           Certificates and Declarations         Screw Terminal Type           Certification Code         Q           Certifications         Q           Certification Code         Q           Company Company Contacts (In)         Q           Company Contacts (In)         Screw Terminals Type Contacts (In)           Company Contacts (In)         Main Circuit 2 N m           Company Contacts (In)         Screw Terminals Type Contacts (In)           Certificates and Declarations         Q	Cable Entry Position	Top and/or Bottom
Enclosure Type         Frontex2           Enclosure Material         Aluminitum           Maximum Mounted         2 NO, 2 NC           Auxiliary Contacts         1 NO, 0 NC           Mounted Auxiliary         0           Contacts NC         0           Number of Auxiliary         1           Contacts NC         1           Terminal Type         Screw Terminals           Tightening Torque         Main Circuit 2 N·m           Mechanical Durability         20000           Rated Current (In)         45 A           Technical UL/CSA           Wire Stripping Length         13 mm           Tightening Torque         Main Circuit 2 N·m           Certificates and Declarations           Certificates and Declarations         13 mm           Declaration of Conformity         1 SCC340062D2702           CE         Certifications           Object Classification Code         Q           ETIM 8         EC000216 - Switch disconnector           ETIM 9         EC000216 - Switch disconnector           ETIM 9         EC002216 - Switch disconnector           UNSPSC         3912225           IDEA Granular Category         5166 >> Safety switch	Cable Outlets Per Side	2xM40 / 2xM40+M16
Enclosure Material         Aluminium Maximum Mounted Auxiliary Contacts         2 NO, 2 NC Auxiliary Contacts           Mounted Auxiliary Contacts         1 NO, 0 NC Contacts           Number of Auxiliary Contacts NC Number of Auxiliary Contacts NC Number of Auxiliary Contacts NO States No No No States No	Impact Resistance Rating	Housing IK09
Maximum Mounted Auxiliary Contacts         2 NO, 2 NC Auxiliary Contacts           Mounted Auxiliary         1 NO, 0 NC Contacts           Number of Auxiliary         0 Contacts NC Number of Auxiliary           Number of Auxiliary         1 Contacts NC Number of Auxiliary           Terminal Type         Screw Terminals Tightening Torque           Mechanical Durability         20000           Rated Current (In)         45 A           Technical UL/CSA           Wire Stripping Length         13 mm           Tightening Torque         Main Circuit 2 N·m           Certificates and Declarations           Declaration of Conformity         1SCC340062D2702           CE         Q           ETIM 8         EC000216 - Switch disconnector           CETIM 9         EC000216 - Switch disconnector (low voltage)           UNSPSC         3912205           IDEA Granular Category         5166 >> Safety switch           Code (IGCC)         5166 >> Safety switch           EClass         V11.1: 27371403	Enclosure Type	Frontex2
Auxiliary Contacts         1 NO, 0 NC Contacts           Mounted Auxiliary Contacts NC         0           Number of Auxiliary Contacts NC         0           Number of Auxiliary Contacts NC         1           Contacts NC         1           Contacts NO         5crew Terminals Tightening Torque           Mechanical Durability Products of Auxiliary Contacts NO         20000           Rated Current (In) Advance Current Cur	Enclosure Material	Aluminium
Contacts N         0           Number of Auxiliary         1           Contacts NO         1           Centicts NO         1           Contacts NO         Screw Terminals           Terminal Type         Screw Terminals           Tightening Torque         Main Circuit 2 N m           Mechanical Durability         20000           Rated Current (In)         45 A           Technical UL/CSA           Wire Stripping Length         13 mm           Tightening Torque         Main Circuit 2 N·m           Certificates and Declarations           Declaration of Conformity         1SCC340062D2702           CE         Certifications           Object Classification Code         Q           CETIM 8         EC000216 - Switch disconnector           ETIM 9         EC000216 - Switch disconnector (low voltage)           UNSPSC         39122205           IDEA granular Category         5166 >> Safety switch           Code (IGCC)         5166 >> Safety switch           eClass         V11.1: 27371403		2 NO, 2 NC
Contacts NC         1           Number of Auxiliary         1           Contacts NO         1           Terminal Type         Screw Terminals           Tightening Torque         Main Circuit 2 N·m           Mechanical Durability         20000           Rated Current (In)         45 A           Technical UL/CSA           Wire Stripping Length         13 mm           Tightening Torque         Main Circuit 2 N·m           Certificates and Declarations           Declaration of Conformity         1 SCC340062D2702           CE         Classifications           Object Classification Code         Q           ETIM 9         EC000216 - Switch disconnector           ETIM 9         EC000216 - Switch disconnector (low voltage)           UNSPSC         39122205           IDEA Granular Category         5166 > Safety switch           Code (IGCC)         5166 > Safety switch           eClass         V11.1: 27371403		1 NO, 0 NC
Contacts NO         Screw Terminals           Terminal Type         Screw Terminals           Tightening Torque         Main Circuit 2 N·m           Mechanical Durability         20000           Rated Current (I <sub>m</sub> )         45 A           Technical UL/CSA           Wire Stripping Length         13 mm           Tightening Torque         Main Circuit 2 N·m           Certificates and Declarations           Declaration of Conformity         1SCC340062D2702           -CE         CE           Cignostrications         Q           Cignostrications         Q           Cil M 8         EC000216 - Switch disconnector           ETIM 9         EC000216 - Switch disconnector (low voltage)           UNSPSC         39122205           IDEA Granular Category         5166 >> Safety switch           Code (IGCC)         5166 >> Safety switch           eClass         V11.1 : 27371403		0
Tightening Torque         Main Circuit 2 N·m           Mechanical Durability         20000           Rated Current (In)         45 A           Technical UL/CSA           Wire Stripping Length         13 mm           Tightening Torque         Main Circuit 2 N·m           Certificates and Declarations           Declaration of Conformity         1SCC340062D2702           CE         Q           EIIM 8         EC000216 - Switch disconnector           ETIM 9         EC000216 - Switch disconnector (low voltage)           UNSPSC         39122205           IDEA Granular Category         5166 ≫ Safety switch code (IGCC)           eClass         V11.1: 27371403		1
Mechanical Durability         20000           Rated Current (In)         45 A           Technical UL/CSA           Wire Stripping Length         13 mm           Tightening Torque         Main Circuit 2 N·m           Declaration of Conformity         1SCC340062D2702           -CE         Q           EXIM 8         EC000216 - Switch disconnector           ETIM 9         EC000216 - Switch disconnector (low voltage)           UNSPSC         39122205           IDEA Granular Category         5166 >> Safety switch           Code (IGCC)         eClass           eClass         V11.1: 27371403	Terminal Type	Screw Terminals
Rated Current (In)         45 A           Technical UL/CSA           Wire Stripping Length         13 mm           Tightening Torque         Main Circuit 2 N·m           Certificates and Declarations           Declaration of Conformity         1SCC340062D2702           CE         Q           ETIM 8         EC000216 - Switch disconnector           ETIM 9         EC000216 - Switch disconnector (low voltage)           UNSPSC         39122205           IDEA Granular Category         5166 >> Safety switch           Code (IGCC)         5166 >> Safety switch           eClass         V11.1 : 27371403	Tightening Torque	Main Circuit 2 N·m
Technical UL/CSA  Wire Stripping Length 13 mm Tightening Torque Main Circuit 2 N·m  Certificates and Declarations  Declaration of Conformity 1SCC340062D2702 -CE 1SCC340062D2702 -CE	Mechanical Durability	20000
Wire Stripping Length Tightening Torque  Main Circuit 2 N·m  Certificates and Declarations  Declaration of Conformity 1SCC340062D2702 -CE  Classifications  Object Classification Code ETIM 8 EC000216 - Switch disconnector ETIM 9 EC000216 - Switch disconnector (low voltage) UNSPSC Signal Support Classification Code (IGCC)  UNSPSC Signal Support Category Code (IGCC) EClass  V11.1:27371403	Rated Current (I <sub>n</sub> )	45 A
Wire Stripping Length Tightening Torque  Main Circuit 2 N·m  Certificates and Declarations  Declaration of Conformity 1SCC340062D2702 -CE  Classifications  Object Classification Code ETIM 8 EC000216 - Switch disconnector ETIM 9 EC000216 - Switch disconnector (low voltage) UNSPSC Signal Support Classification Code (IGCC)  UNSPSC Signal Support Category Code (IGCC) EClass  V11.1:27371403	Technical UL/CSA	
Tightening Torque  Certificates and Declarations  Declaration of Conformity 1SCC340062D2702 -CE  Classifications  Object Classification Code Q ETIM 8 EC000216 - Switch disconnector ETIM 9 EC000216 - Switch disconnector (low voltage) UNSPSC 39122205 IDEA Granular Category 5166 >> Safety switch Code (IGCC) eClass V11.1:27371403		13 mm
Declaration of Conformity - CE         1SCC340062D2702           Classifications         Q           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           Code (IGCC)         V11.1 : 27371403		
Declaration of Conformity - CE         1SCC340062D2702           Classifications         Q           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           Code (IGCC)         V11.1 : 27371403		
CE           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           Code (IGCC)         V11.1 : 27371403		400004000000000
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		1SCC340062D2702
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		
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		
ETIM 9         EC000216 - Switch disconnector (low voltage)           UNSPSC         39122205           IDEA Granular Category         5166 >> Safety switch           Code (IGCC)         V11.1 : 27371403	Object Classification Code	Q
UNSPSC         39122205           IDEA Granular Category         5166 >> Safety switch           Code (IGCC)         V11.1 : 27371403	ETIM 8	EC000216 - Switch disconnector
Code (IGCC)           eClass         V11.1 : 27371403		
		5166 >> Safety switch
WEEE Category 5 Small Equipment (No External Dimension More Than 50 cm)	eClass	V11.1 : 27371403
2. Small Equipment (no External Dimension More Than 50 cm)	WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
<u>E-Number (Sweden)</u> 3145602	E-Number (Sweden)	3145602

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## Categories

 $Low\ Voltage\ Products\ and\ Systems \rightarrow Enclosed\ Switches \rightarrow Enclosed\ Safety\ Switches \rightarrow Enclosed\ Safety\ Switches$ 



