

PRODUCT-DETAILS

LS20M42B11-U01

LS20M42B11-U01 Limit Switch



General Information

Extended Product Type	LS20M42B11-U01
Product ID	1SBV015542R2601
EAN	3471522637475
Catalog Description	LS20M42B11-U01 Limit Switch
Long Description	LS20M42B11-U01 is a 30 mm wide, compact Limit Switch made of zinc alloy material (Zamak), with 2 mounting holes at the top, a prewired UL62 - PVC cable (1 m) on the side, steel roller lever (Ø14 mm) actuator and 1 N.O + 1 N.C snap action (Zb type) contacts

Ordering

EAN	3471522637475
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Dimensions

Product Net Width	30 mm
Product Net Height	92 mm
Product Net Depth / Length	16 mm
Product Net Weight	0.228 kg

Container Information

Package Level 1 Units	bag 1 piece
Package Level 1 Width	16 mm
Package Level 1 Height	92 mm
Package Level 1 Depth / Length	30 mm
Package Level 1 Gross Weight	0.237 kg
Package Level 1 EAN	3471522637475
Package Level 2 Units	5 piece
Package Level 2 Gross Weight	1.125 kg

Environmental

Ambient Air Temperature	Operation -25 ... +70 °C Storage -40 ... +70 °C
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Safety Information

B10d Value	20 Millions operations
------------	------------------------

Additional Information

Conventional Free-air Thermal Current (I_{th})	acc. to IEC 60947-5-1, q = 40 °C 10 A
Degree of Protection	acc. to IEC 60529 IP67
Maximum Electrical Switching Frequency	(AC-15) 3600 cycles per hour (DC-13) 3600 cycles per hour
Mechanical Durability	10 million
Order Multiple	1 piece
Product Main Type	LS20
Product Name	Limit Switch
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Rated Insulation Voltage (U_i)	acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 400 V
Rated Operational Current AC-15 (I_e)	(24 V) 10 A (130 V) 5.5 A (240 V) 3 A
Rated Operational Current DC-13 (I_e)	(24 V) 2.8 A (125 V) 0.55 A (250 V) 0.27 A
RoHS Date	20171115
Standards	IEC 60947-1, IEC 60947-5-1, EN 60947-1, EN 60947-5-1, UL 508 and CSA C22 -2 N°14

Certificates and Declarations (Document Number)

CQC Certificate	CQC2004010305127663
cUL Certificate	9AKK107991A7379
Data Sheet, Technical Information	1SBC141157C0202
Declaration of Conformity - CCC	2020980305001785
Declaration of	1SBD250883U1000

Conformity - CE	
Instructions and Manuals	1SBC141157C0202
RoHS Information	1SBD250883U1000

Classifications

ETIM 4	EC001829 - Position switch modular
ETIM 5	EC001829 - Position switch modular
ETIM 6	EC000030 - End switch
ETIM 7	EC000030 - End switch
UNSPSC	39121500
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Control Products → Sensors → Limit Switches

