



PRODUCT-DETAILS

LS40M80D12-S

LS40M80D12-S Limit Switch



General Information	
Extended Product Type	LS40M80D12-S
Product ID	1SBV031180R1412
EAN	3471522635310
Catalog Description	LS40M80D12-S Limit Switch
Long Description	LS40M80D12-S is a 40 mm wide, standard reinforced Safety Limit Switch made of zinc alloy material (Zamak), with 4 mounting holes at the top and bottom, 1 Pg13.5 cable entry on the bottom, orientable (90°) for key actuator and 1 N.O + 2 N.C slow action (Zb type), overlapping (late closing) contacts

Ordering	
Minimum Order Quantity	10 piece
Customs Tariff Number	85364900

Popular Downloads	
Data Sheet, Technical Information	1SBC141157C0202
Instructions and Manuals	1SBC141157C0202

Dimensions

Product Net Width	40 mm
Product Net Height	113 mm
Product Net Depth / Length	43 mm
Product Net Weight	0.21 kg

Technical

B10d Value	Operations 50 Millions
Conventional Free-air Thermal Current (I_{th})	acc. to IEC 60947-5-1, $\Theta = 40\text{ °C}$ 10 A
Degree of Protection	acc. to IEC 60529 IP66
Maximum Electrical Switching Frequency	(AC-15) 3600 cycles per hour (DC-13) 3600 cycles per hour
Mechanical Durability	0 cycle
Pilot Duty UL/CSA	A600 Q600
Rated Impulse Withstand Voltage (U_{imp})	6 kV
Rated Operational Current AC-15 (I_{θ})	(230 V AC) 3.1 A (400 V) NC 4 (24 V) 10 A (130 V) 5.5 A (240 V) 3 A
Rated Insulation Voltage (U_i)	acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 500 V acc. to UL/CSA 600 V
Rated Operational Current DC-13 (I_{θ})	(24 V) 6 A (110 V) 0.6 A (125 V) 0.55 A (250 V) 0.4 A
Short-Circuit Protective Devices	gG Type Fuses 10 A

Environmental

Ambient Air Temperature	Operation -25 ... +70 °C Storage -30 ... +80 °C
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Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SBD251097E1000
RoHS Information	1SBD251097E1000
RoHS Status	Following EU Directive 2011/65/EU
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

CQC Certificate	CQC2004010305127663
cUL Certificate	9AKK107991A7379
Declaration of Conformity - CCC	2020980305001785
Declaration of Conformity - CE	1SBD250883U1000

Declaration of Conformity
- UKCA

1SBD250886U1000

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	120 mm
Package Level 1 Depth / Length	45 mm
Package Level 1 Height	45 mm
Package Level 1 Gross Weight	0.21 kg
Package Level 1 EAN	3471522635310

Classifications

ETIM 6	EC000030 - End switch
ETIM 7	EC000030 - End switch
ETIM 8	EC000030 - End switch
eClass	V11.1 : 27270601
UNSPSC	39121500

Categories

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

