

PRODUCT-DETAILS

LS43M80D12-S

LS43M80D12-S Limit Switch



General Information

Extended Product Type	LS43M80D12-S
Product ID	1SBV031680R1412
EAN	3471522635365
Catalog Description	LS43M80D12-S Limit Switch
Long Description	LS43M80D12-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 ISO M20x1.5 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

EAN	3471522635365
Minimum Order Quantity	10 piece
Customs Tariff Number	85364900

Dimensions

Product Net Width	40 mm
Product Net Height	113 mm
Product Net Depth / Length	44 mm
Product Net Weight	0.225 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	45 mm
Package Level 1 Height	120 mm
Package Level 1 Depth / Length	45 mm
Package Level 1 Gross Weight	0.243 kg
Package Level 1 EAN	3471522635365
Package Level 2 Units	5 piece
Package Level 2 Gross Weight	1.05 kg

Environmental

Ambient Air Temperature	Operation -25 ... +70 °C Storage -30 ... +80 °C
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

Pilot Duty of Contact	A600
Elements acc. UL508	Q600

Safety Information

B10d Value	50 Millions operations
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Additional Information

Conventional Free-air Thermal Current (I_{th})	acc. to IEC 60947-5-1, $q = 40\text{ °C}$ 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
Order Multiple	1 piece
Product Main Type	LS40
Product Name	Limit Switch
Rated Impulse Withstand Voltage (U_{imp})	6 kV
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 AC-15 (I_e)	(230 V AC) 3.1 A (400 V) NC 4 (24 V) 10 A (130 V) 5.5 A (240 V) 3 A
Rated Operational Current DC-13 (I_e)	(24 V) 6 A (110 V) 0.6 A (125 V) 0.55 A (250 V) 0.4 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 Conformity - CE	1SBD250883U1000
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

