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Lovato electric
ENERGY AND AUTOMATION

LP9S11B

Momentary Ø90mm black mushroom palm swich, 1NO+1NC



Product designation			Palm switches
Product type designation			LP9
General characteristics			
Colour			Grey with black mushroom
Type of positions			Momentary
Resistance value		KΩ	≤0.025
Material			PC-ABS for button and control station. PA66 for plastic operator frame
IEC degree of protection			IP65
Electrical characteristics			
Rated insulation voltage Ui IEC/EN		V	690
IEC Conventional free air thermal current Ith		A	10
Rated frequency		Hz	50
Conductivity			5V 10mA
UL/CSA and IEC/EN 60947-5-1 designation			A600 Q300
Operating current AC15			
	12V	A	6
	24V	A	6
	48V	A	6
	120V	A	6
	240V	A	3
	400V	A	1.9
	480V	A	1.5
	500V	A	1.4
	600V	A	1.2
Operating current DC13			
	12V	A	3
	24V	A	3
	48V	A	1.5
	125V	A	0.55
	250V	A	0.27
	440V	A	0.15
	500V	A	0.13
	600V	A	0.1
Mechanical features			
Operating force		kg-lb	≤2.6Nm
Mechanical life		cycles	1000000
Tightening torque for terminals max		Nm	0.5 … 0.8 Nm
Conductor section			
IEC			
	min	mm²	0.5
	max	mm²	2.5

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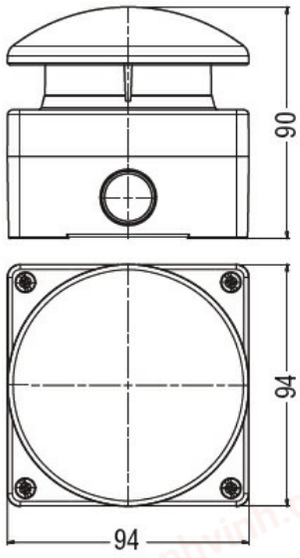
Operating position			
	allowable		Any

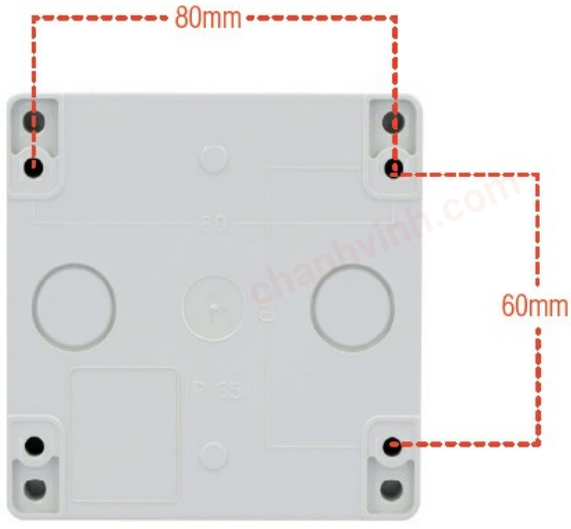
Ambient conditions

Temperature

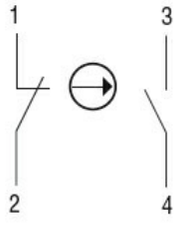
Operating temperature			
	min	°C	-25
	max	°C	+75
Storage temperature			
	min	°C	-40
	max	°C	+85

Dimensions





Wiring diagrams



Certifications and compliance

Compliance

IEC60947-5-1

Certificates

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ETIM classification

ETIM 8.0	EC002034 - Emergency stop complete

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