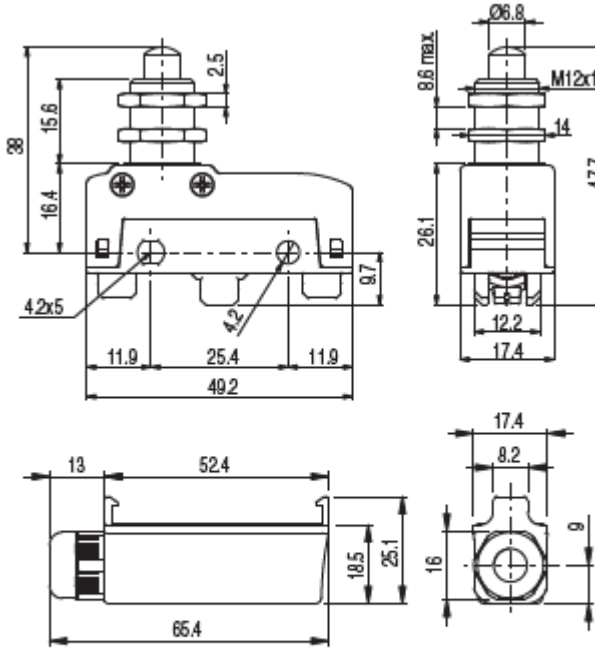
LAJAC
Products for Dust Handling

MICRO SWITCH FOR LEAF VALVE

SPLV-01

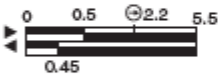


Article

MK V11D10 +
VF MKCV12

Contacts

1NO+1NC



- snap action, change-over
- positive opening

Technical data

Housing
Housing made of glass fibre reinforced technopolymer, self-extinguishing and shock-proof.

Protection degree acc. to EN 60529:	IP40 (with terminal covers VF MKCV12)
Protective terminal cover VF MKCV12:	for multipolar cables Ø4...7.5mm

General data

Ambient temperature:	-25°C ... +85°C
Max. actuation frequency:	3600 operating cycles/hour
Mechanical endurance:	10 million operating cycles
Safety parameter B_{100}:	20,000,000 for NC contacts

Cable cross section (flexible copper strands)

MK series:	min.	1 x 0.34 mm²	(1 x AWG 22)
	max	2 x 1.5 mm²	(2 x AWG 16)

In compliance with standards:
IEC 60947-5-1, EN 60947-5-1, IEC 60529, EN 60529, EN 60947-1, IEC 60947-1.
Approvals:
UL 508, CSA 22.2 No.14, EN 60947-1, EN 60947-5-1.

Screws driving torques

Nuts	2 ... 3 Nm
Head screws	0,3 ... 0,4 Nm
M4 screws	0,8 ... 1,2 Nm
Terminal screws	0,6 ... 0,8 Nm

Compliance with the requirements of:
Low Voltage Directive 2014/35/EU,
EMC Directive 2014/30/EU,
RoHS Directive 2011/65/EU.
Positive contact opening in conformity with standards:
IEC 60947-5-1, EN 60947-5-1.

Quality marks:

IMQ approval:	CA02.05772
UL approval:	E131787
CCC approval:	2013010305604291
EAC approval:	RU C-IT.АД35.В.00454

Electrical data

Thermal current (I_{th}):	16 A
Rated insulation voltage (U_i):	250 Vac 300 Vdc
Rated impulse withstand voltage (U_{imp}):	4 kV
Conditional short circuit current:	1000 A acc. to EN 60947-5-1
Protection against short circuits:	type gG fuse 16 A 250 V
Pollution degree:	3
Dielectric strength	2000 Vac/min.

Utilization category

Alternating current: AC15 (50 ... 60 Hz)

Ue (V)	120	250
Ie (A)	4	5

Direct current: DC13

Ue (V)	24	125	250
Ie (A)	5	0.6	0.3