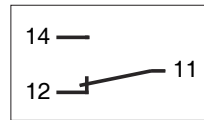


- Ideal for switching DC circuits up to 10A 125Vdc and 3A 250Vdc
- Incorporates a permanent magnet to deflect the arc and extinguish it
- Direct current switch with built-in magnetic blowout
- Long life snap action contacts mechanism
- Self-cleaning contact action
- Variety of actuators
- Same dimensions of the M3 Series
- Basic dimensions according to DIN 41635 form E



Circuitry
(IEC 60947-5-1)



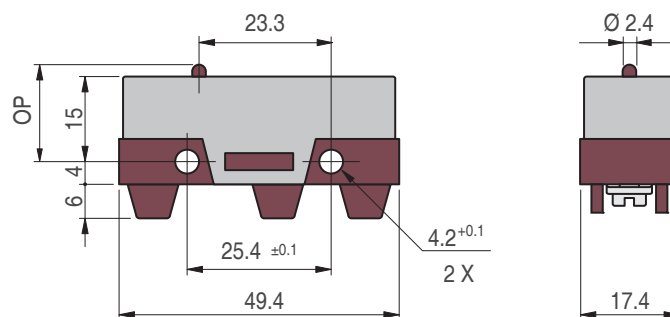
Form C (NO+NC)

Specifications

Electrical Rating	10A 125Vdc	3A 250Vdc	resistive load		
	15A 24Vdc	2A 125Vdc	inductive load	L/R ^① = 40ms	
	5A 125Vdc (contact NC) and 2.5A 125Vdc (contact NO)		motor load	L/R ^① = 7ms	
Contact Resistance	50 mΩ maximum initial (at 1A 5Vdc)				
Ambient Temperature	+85°C maximum				
Degree of Protection	IP40 (IEC 60529)				
Operating Speed	0,05 mm/sec minimum to 1 m/sec maximum (at pin plunger)				
Mechanical Life Expectancy	1.000.000 cycles				
Electrical Life Expectancy	200.000 cycles				
Materials	Enclosure:	Thermoplastic Polyamide			
	Pin Plunger:	Thermoplastic Polyamide			
	Moving Blade:	Beryllium copper			
	Contacts:	Silver alloy			
	Actuators:	Lever actuator:	Lever:	Zinc plated steel	
			Roller:	Thermoplastic Polyamide	
	Plunger actuator:	Plunger:	Nickel plated brass		
		Roller:	Zinc plated steel		

Dimensions

Dimensions in mm



Standard model - Pin Plunger

① L/R: time constant

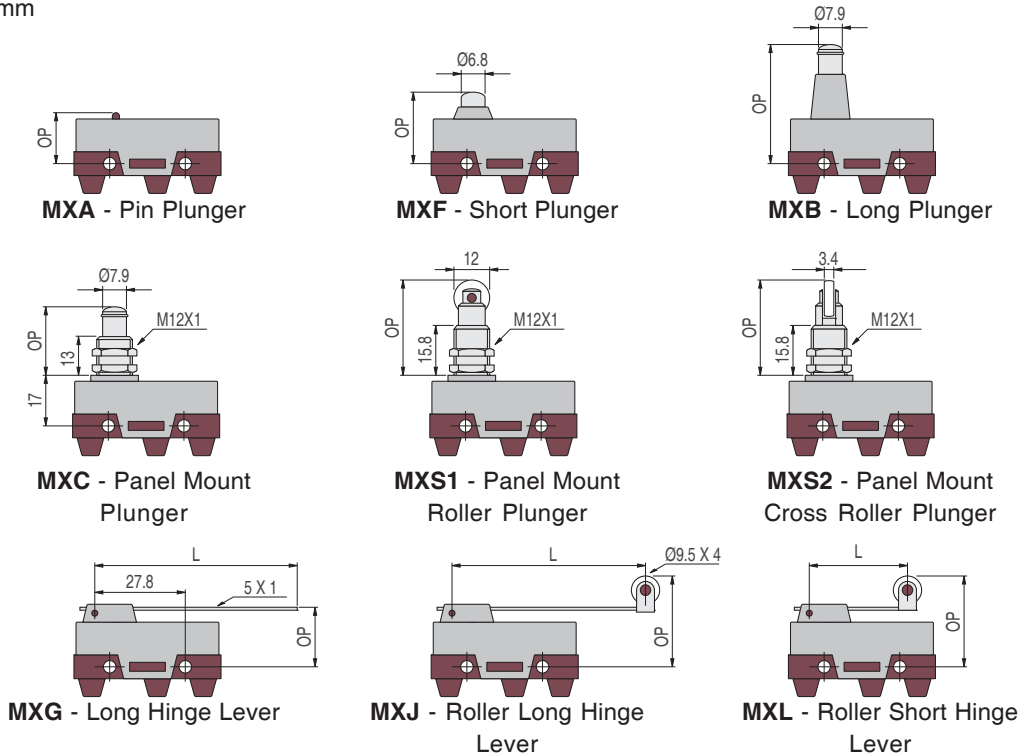


MX Series

Basic Switch for DC Circuits

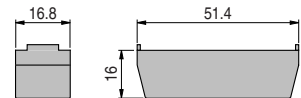
Available Models

Dimensions in mm



Accessory

M33 - Terminal cover (to be screw fixed in the bottom side of the base)



Characteristics

Terminology: OF ... Operating Force DT ... Differential Travel
 OP ... Operating Position OT ... Overtravel
 PT ... Pretravel L Actuator Length
 FP ... Free Position

Model	OF max. (gf)	OP (mm)	FP max. (mm)	PT max. (mm)	DT max. (mm)	OT min. (mm)	L (mm)
MXA	500	16,0 ± 0,4	-	0,7	0,15	0,4	-
MXF	500	21,2 ± 0,6	-	0,7	0,15	1,4	-
MXB	500	38,1 ± 0,6	-	0,7	0,15	4,2	-
MXC	500	21,1 ± 0,6	-	0,7	0,15	4,2	-
MXS1	500	32,6 ± 0,8	-	0,7	0,15	3,7	-
MXS2	500	32,6 ± 0,8	-	0,7	0,15	3,7	-
MXG	58	19,0 ± 3,0	29,0	-	2,8	1,8	63,5 ± 0,4
MXJ	56	30,2 ± 3,5	38,3	-	2,7	1,7	60,5 ± 0,5
MXL	132	30,2 ± 1,8	34,0	-	1,2	0,7	26,6 ± 0,5

Special Applications

Even though the products presented in this catalog for regular commercial use, we are able to develop "personalized" models for special applications. Contact us.



KAP COMPONENTES ELÉTRICOS Ltda.