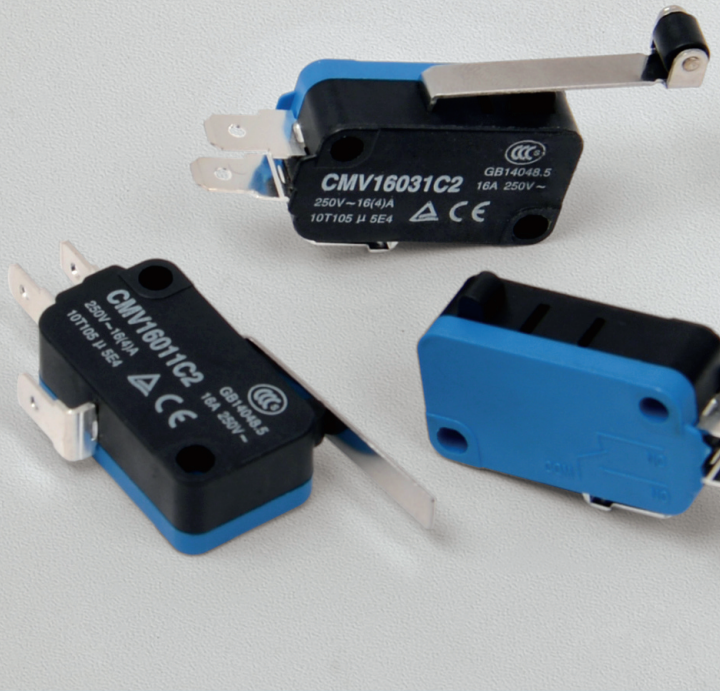


CMV16 小型微动开关

Miniature Snap Action Switch



型号说明 Model Number Structure

CMV **16** **00** **01** **C** **2**

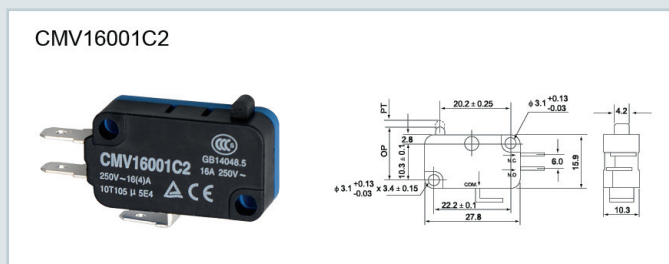
① ② ③ ④

项目 Item	代号 Code	说明 Description
① 额定电流 Rated Current	16	16A
② 头部及传动杆 Head and driving rod	00 01 02 03 04 05 06	按钮型 Button type 长柄型 Long handle type 短柄型 Short shank type 长滑轮型 Long pulley type 短滑轮型 Short pulley type 加长柄型 Longer handle type 曲柄型 Crank type
③ 触点形式 Contact form	1 2 3	一常开 一常闭触点 1NO/1NC 一常闭触点 1NC 一常开触点 1NO
④ 端子规格 Terminal specifications	C C2	#250 型端子 #250 terminal #187 型端子 #187 terminal

动作特性 Operating Characteristics

型号 Model	CMV16	CMV16001C2	CMV16011C2	CMV16021C	CMV16031C2	CMV16041C2	CMV16051C2	CMV16061C
操作力 Operating force	PT 最大 (Max.)	2.4N	1.23N	2.4N	1.23N	2.7N	0.69N	1.2N
回弹力 Release force	RF 最小 (Min.)	0.49N	0.14N	0.49N	0.14N	0.49N	0.06N	0.14N
预行程 Pre-travel	PT 最大 (Max.)	1.2mm	4.0mm	1.6mm	4.0mm	1.5mm	9.0mm	4.0mm
过行程 Over travel	OT 最小 (Min.)	1.0mm	1.6mm	0.8mm	1.6mm	0.8mm	2.0mm	1.5mm
行程移动分辨率 Movement differential	MD 最大 (Max.)	0.4mm	1.5mm	0.6mm	1.5mm	0.6mm	2.8mm	1.5mm
动作位置 Operating position	OP(mm.)	14.7 ± 0.4mm	15.2 ± 1.2mm	15.2 ± 0.5mm	20.7 ± 1.2mm	20.7 ± 0.6mm	15.2 ± 3mm	18.7 ± 1.2mm

外观和尺寸 Appearance and Dimension

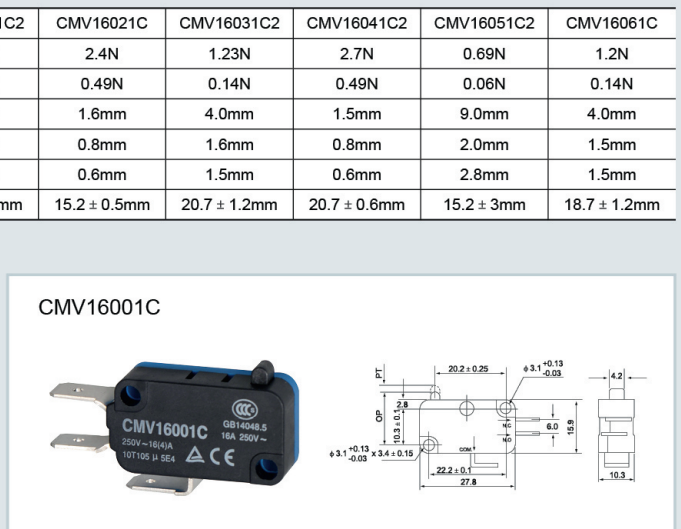


额定值 Ratings

项目 Item 规格 Spec.	额定 电压 Rated Voltage	非电感性负载 Noninductive Load (A)				电感性负载 Inductive Load (A)				突入 电流 (A) Inrush Current	
		电阻性负载 Resistance Load		灯泡负载 Lamp Load		电感性负载 Induc- tive Load		马达负载 Motor Load		NC	NO
		NC	NO	NC	NO	NC	NO	NC	NO		
16A	250VAC	16		2		10		3		40 以下 max.	
	8VDC	16		4		10		6			
	30VDC	10		4		10		4			
	125VDC	0.6		0.1		0.6		0.1			
	250VDC	0.3		0.05		0.3		0.05			

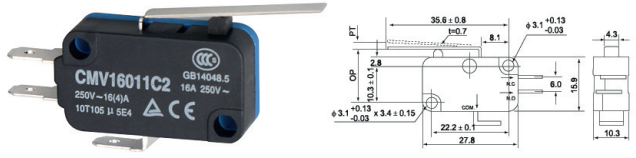
规格 Specifications

项目 Item	型式 Type	CMV 16 型 CMV 16 type
操作速度 Operation speed		0.05mm~1m/s(按钮型 Button type)
动作频率 Operating frequency		电气 Electrical: 20 operations/min
绝缘电阻 Insulation resistance		100MΩ 以上 (在 500VDC 以下) 100mΩ above(at 500VDC)
接点电阻 Contact resistance		15mΩ 以下 (初期) 15mΩ max. (initial value)
耐电压 Withstand voltage	非连续端子间 Non-continuous terminals	1,000VAC, 50/60Hz 持续 1 分钟 1000VAC, 50/60 Hz for 1 minute
	载电流和无载电流 零件间, 端子和接 地之间 current-carrying and non-current-carrying metal parts, Between terminal and earthing	2,000VAC, 50/60Hz 持续 1 分钟 2000VAC, 50/60 Hz for 1 minute
振动 Vibration	误动作 Misoperation	10 至 55Hz, 1.5mm 双振幅 10 to 55Hz, 1.5mm pairs swing
冲击 Shock	耐久 Durable	最大 1,000m/S ² (约 100G) Maximum 1000 m/S ² (100G)
	误动作 Misoperation	最大 200m/S ² (约 100G) Maximum 200 m/S ² (100G)
寿命 Life	电气的 Electrical	30 万次以上 More than 300000 times
使用周围温度 Temperature		使用时: -20~+70℃ (没有结冰) Using: -20~+70℃ (With no icing)
使用周围湿度 Humidity		85%RH 以下 (+5~+35℃) Below 85% RH



外观和尺寸 Appearance and Dimension

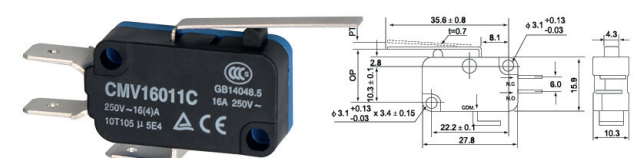
CMV16011C2



GB14048.5
250V~16(4)A
10T105 μ SE4

Technical drawing showing dimensions: 35.6 ± 0.8, 8.1, 4.3, 2.8, 10.3 ± 0.1, 10.3 ± 0.1, 2.8, 10.3 ± 0.1, 3.4 ± 0.15, 22.2 ± 0.1, 27.8, 6.0, 15.9, 10.3, 0.7, 0.13, 0.03, 0.13, 0.03, 0.13, 0.03.


CMV16011C



GB14048.5
250V~16(4)A
10T105 μ SE4

Technical drawing showing dimensions: 35.6 ± 0.8, 8.1, 4.3, 2.8, 10.3 ± 0.1, 10.3 ± 0.1, 2.8, 10.3 ± 0.1, 3.4 ± 0.15, 22.2 ± 0.1, 27.8, 6.0, 15.9, 10.3, 0.7, 0.13, 0.03, 0.13, 0.03, 0.13, 0.03.

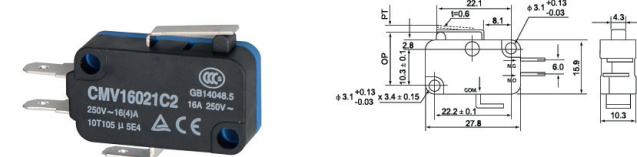
CMV16021C



GB14048.5
250V~16(4)A
10T105 μ SE4

Technical drawing showing dimensions: 22.1, 8.1, 4.3, 2.8, 10.3 ± 0.1, 10.3 ± 0.1, 2.8, 10.3 ± 0.1, 3.4 ± 0.15, 22.2 ± 0.1, 27.8, 6.0, 15.9, 10.3, 0.7, 0.13, 0.03, 0.13, 0.03, 0.13, 0.03.

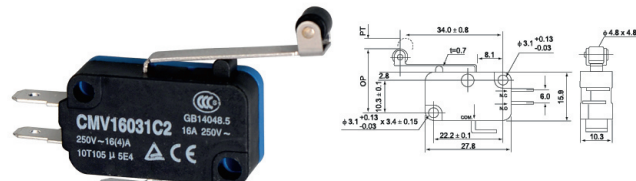
CMV16021C2



GB14048.5
250V~16(4)A
10T105 μ SE4

Technical drawing showing dimensions: 22.1, 8.1, 4.3, 2.8, 10.3 ± 0.1, 10.3 ± 0.1, 2.8, 10.3 ± 0.1, 3.4 ± 0.15, 22.2 ± 0.1, 27.8, 6.0, 15.9, 10.3, 0.7, 0.13, 0.03, 0.13, 0.03, 0.13, 0.03.

CMV16031C2

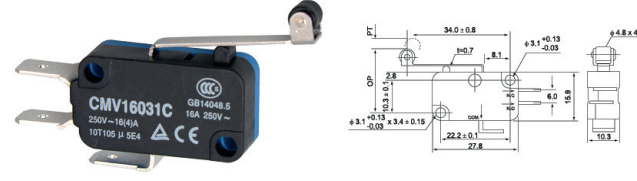


GB14048.5
250V~16(4)A
10T105 μ SE4

可定制金属滚轮
Custom Made Metal idler wheel

Technical drawing showing dimensions: 34.0 ± 0.8, 8.1, 4.3, 2.8, 10.3 ± 0.1, 10.3 ± 0.1, 2.8, 10.3 ± 0.1, 3.4 ± 0.15, 22.2 ± 0.1, 27.8, 6.0, 15.9, 10.3, 0.7, 0.13, 0.03, 0.13, 0.03, 0.13, 0.03, 4.8 × 4.8.

CMV16031C

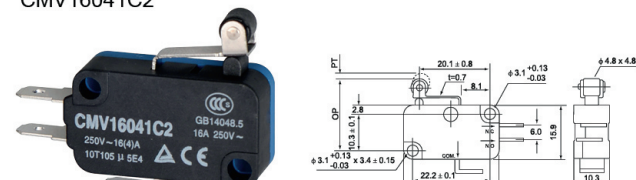


GB14048.5
250V~16(4)A
10T105 μ SE4

可定制金属滚轮
Custom Made Metal idler wheel

Technical drawing showing dimensions: 34.0 ± 0.8, 8.1, 4.3, 2.8, 10.3 ± 0.1, 10.3 ± 0.1, 2.8, 10.3 ± 0.1, 3.4 ± 0.15, 22.2 ± 0.1, 27.8, 6.0, 15.9, 10.3, 0.7, 0.13, 0.03, 0.13, 0.03, 0.13, 0.03, 4.8 × 4.8.

CMV16041C2

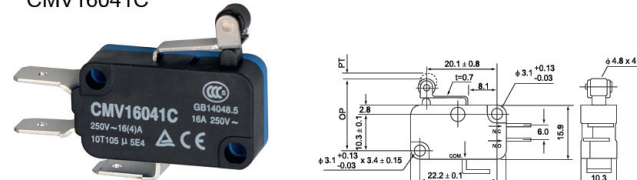


GB14048.5
250V~16(4)A
10T105 μ SE4

可定制金属滚轮
Custom Made Metal idler wheel

Technical drawing showing dimensions: 20.1 ± 0.8, 8.1, 4.3, 2.8, 10.3 ± 0.1, 10.3 ± 0.1, 2.8, 10.3 ± 0.1, 3.4 ± 0.15, 22.2 ± 0.1, 27.8, 6.0, 15.9, 10.3, 0.7, 0.13, 0.03, 0.13, 0.03, 0.13, 0.03, 4.8 × 4.8.

CMV16041C

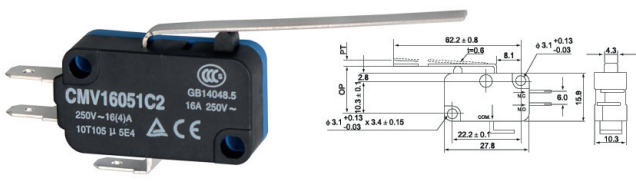


GB14048.5
250V~16(4)A
10T105 μ SE4

可定制金属滚轮
Custom Made Metal idler wheel

Technical drawing showing dimensions: 20.1 ± 0.8, 8.1, 4.3, 2.8, 10.3 ± 0.1, 10.3 ± 0.1, 2.8, 10.3 ± 0.1, 3.4 ± 0.15, 22.2 ± 0.1, 27.8, 6.0, 15.9, 10.3, 0.7, 0.13, 0.03, 0.13, 0.03, 0.13, 0.03, 4.8 × 4.8.

CMV16051C2



GB14048.5
250V~16(4)A
10T105 μ SE4

Technical drawing showing dimensions: 62.2 ± 0.8, 8.1, 4.3, 2.8, 10.3 ± 0.1, 10.3 ± 0.1, 2.8, 10.3 ± 0.1, 3.4 ± 0.15, 22.2 ± 0.1, 27.8, 6.0, 15.9, 10.3, 0.7, 0.13, 0.03, 0.13, 0.03, 0.13, 0.03.

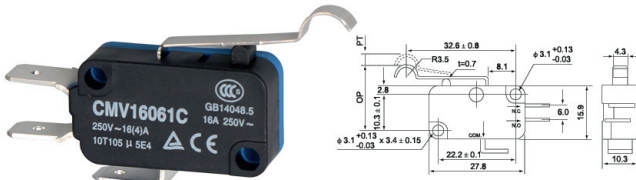
CMV16051C



GB14048.5
250V~16(4)A
10T105 μ SE4

Technical drawing showing dimensions: 62.2 ± 0.8, 8.1, 4.3, 2.8, 10.3 ± 0.1, 10.3 ± 0.1, 2.8, 10.3 ± 0.1, 3.4 ± 0.15, 22.2 ± 0.1, 27.8, 6.0, 15.9, 10.3, 0.7, 0.13, 0.03, 0.13, 0.03, 0.13, 0.03.

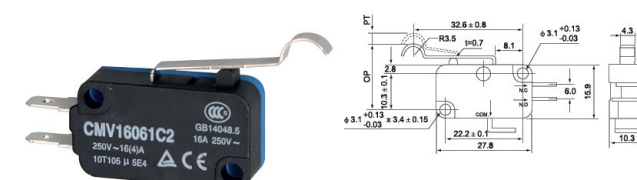
CMV16061C



GB14048.5
250V~16(4)A
10T105 μ SE4

Technical drawing showing dimensions: 32.6 ± 0.8, 8.1, 4.3, 2.8, 10.3 ± 0.1, 10.3 ± 0.1, 2.8, 10.3 ± 0.1, 3.4 ± 0.15, 22.2 ± 0.1, 27.8, 6.0, 15.9, 10.3, 0.7, 0.13, 0.03, 0.13, 0.03, 0.13, 0.03, R3.5.

CMV16061C2



GB14048.5
250V~16(4)A
10T105 μ SE4

Technical drawing showing dimensions: 32.6 ± 0.8, 8.1, 4.3, 2.8, 10.3 ± 0.1, 10.3 ± 0.1, 2.8, 10.3 ± 0.1, 3.4 ± 0.15, 22.2 ± 0.1, 27.8, 6.0, 15.9, 10.3, 0.7, 0.13, 0.03, 0.13, 0.03, 0.13, 0.03, R3.5.