



MP16 金屬按鈕開關系列

MP16 Metal Push Button Switch Series



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MP16 金屬按鈕開關系列

MP16 Metal Push Button Switch Series



Φ16金屬按鈕開關 Metal Push Button Switch

頭部釋義 Head Type	F/平面 T/斜面 C/凹凸 H/高頭 B/球面 E/環形燈 D/中心燈 F/Flat T/Inclined C/Concave H/High B/Ball E/Ring lamp D/Center lamp	▲ 燈珠顏色 LED Color R G Y O B W	△ 帶燈電壓 LED Voltage 3V/6V/12V/24V/ 36V/48V/110V/ 220V
外殼材料 Material	N/黃銅鍍鉻 A/鋅合金鍍鉻 S/不銹鋼 N/Chromium plated brass A/Zinc alloy plated chromium S/Stainless steel	接線方式 Mode of connection J/焊接式(1NO) 10/接線柱(1NO) 11/單刀(1NO,1NC) 22/雙刀(2NO,2NC) J/Pin terminal(1NO) 10/Wiring terminal(1NO) 11/Single pole(1NO,1NC) 22/Double knife(2NO,2NC)	
操作類型 Operation	無字母表示自復 Z:自鎖 X:旋鈕 Y:鑰匙鈕 TS:急停鈕 M:蜂鳴 SM:閃光蜂鳴 No letter momentary Z:alternate X:selector Y:key lock switch TS:emergency push button M:buzzer SM:flash with buzzer		

> 開關結構說明 Switching Operation

型式Type	符號Sign	示意圖Diagram	說明Explanation
No.1			具有兩個端子的雙斷電慢動觸頭開關 個別產品可定制Y型常閉開關。詳見產品說明 Using two terminals, double-break and slow-motion contact. Y type NC switch can be made to order for individual product, pls check the product description.
No.2			
No.3			

>> 相關認證Related certification

符合IEC60947-5-1 GB14048.5標準 Conform to IEC60947-5-1 GB14048.5 Standard

開關結構說明 Switching Operation

額定絕緣電壓Rated insulation voltage	250			
發熱電流Heating current Ith	3A溫度不超過最大額定值所允許的電流Temperature does not exceed the maximum allowed current			
額定使用電壓 Rated voltage	12V	24V	110V	220V
額定使用電流 Rated current	交流AC 50/60Hz	電阻性負載Resistive load	-	-
		電感性負載Inductive load	-	-
	直流DC	電感性負載Inductive load	5A	5A
		電感性負載Inductive load	2A	2A
觸點材料Contact material	銀鍍金Silver Plated Gold			

最小適應負載Minimum load:3V AC/DC 5mA(參考值Reference value)
(可使用範圍取決於使用環境和負載種類 Use the range depends on the use of the environment and the type of load)

燈珠規格 Lamp Ratings

燈珠類型Lamp Type	雙向LED燈珠(交直流通用) LED lamp(AC/DC)	燈珠等效電路 Lamp Circuit diagram
額定電壓Rated Voltage	3V,6V,12V,24V,36V,110V,220VAC/DC	
額定電流Rated Current	約15mA 約2mA About 15mA About 2mA	
發光顏色LED Color		
壽命Life	4000小時(參考值) 40000 hours(Reference)	

注: 如需單向直流LED燈珠可定做; 其他電壓規格可按需求定做。
DC LED and other voltage can be made to order.

Φ16金屬按鈕開關 Metal Push Button Switch

產品外觀	技術參數	外形尺寸
 MP16S/FJ	安裝尺寸Diameter: Φ16mm 開關額定值Switch Rating: 3A/250VAC 開關組合 Contact Configuration:1NO 操作類型Operation Type: 自復型Momentary 頭部形狀The Front Shape: 平面 Flat 外殼材料 The Crust Material: 不銹鋼Stainless steel/ 銅鍍鉻Copper plating 防護等級IP Degree:IP67,IK10	
 MP16S/BJ	安裝尺寸Diameter: Φ16mm 開關額定值Switch Rating: 3A/250VAC 開關組合 Contact Configuration:1NO 操作類型Operation Type: 自復型Momentary 頭部形狀The Front Shape: 球面 Ball 外殼材料 The Crust Material: 不銹鋼Stainless steel 銅鍍鉻Copper plating 防護等級IP Degree:IP67,IK10	
 MP16S/HJ	安裝尺寸Diameter: Φ16mm 開關額定值Switch Rating: 3A/250VAC 開關組合 Contact Configuration:1NO 操作類型Operation Type: 自復型Momentary 頭部形狀The Front Shape: 高頭 High 外殼材料 The Crust Material: 不銹鋼Stainless steel 銅鍍鉻Copper plating 防護等級IP Degree:IP67,IK10	

產品規格	Specification	MP16S/FJ	MP16S/BJ	MP16S/HJ
尾部配置	Terminal Type	接線插片Pin Terminal(2×0.5mm)	接線插片Pin Terminal(2×0.5mm)	接線插片Pin Terminal(2×0.5mm)
開關結構	Switching	NO.1	NO.1	NO.1
開關規格	Max. Switch Rating	3A/250VAC	3A/250VAC	3A/250VAC
接觸電阻	Contact Resistance	≤50mΩ	≤50mΩ	≤50mΩ
絕緣電阻	Insulation Resistance	≥1000MΩ	≥1000MΩ	≥1000MΩ
絕緣強度	Dielectric Intensity	2000VAC	2000VAC	2000VAC
環境溫度	Operating Temp	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
機械壽命	Mechanical Life	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles
電氣壽命	Electrical Life	20萬次以上200,000 cycles	20萬次以上200,000 cycles	20萬次以上200,000 cycles
面板厚度	Panel Thickness	1-6mm	1-6mm	1-6mm
螺母扭矩	Torque	5-14Nm	5-14Nm	5-14Nm
操作壓力	Operation Pressure	約4N About 4N	約4N About 4N	約4N About 4N
操作行程	Operation Travel	約1.5mm About 1.5mm	約1.5mm About 1.5mm	約1.5mm About 1.5mm
防護等級	IP Degree	IP67,IK10	IP67,IK10	IP67,IK10
材料	觸點	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold
	按鈕	不銹鋼Stainless steel 銅鍍鉻Copper plating	不銹鋼Stainless steel 銅鍍鉻Copper plating	不銹鋼Stainless steel 銅鍍鉻Copper plating
	外殼	不銹鋼Stainless steel 銅鍍鉻Copper plating	不銹鋼Stainless steel 銅鍍鉻Copper plating	不銹鋼Stainless steel 銅鍍鉻Copper plating
	底座	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC
	RohS	可定制Made to order	可定制Made to order	可定制Made to order
帶燈部分參數LED Spec.	帶燈類型	Lamp type		
	額定電壓	Rated Voltage(Ue)		
	燈珠顏色	Color		
	燈珠壽命	Life		

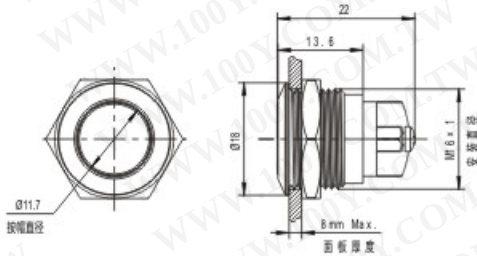
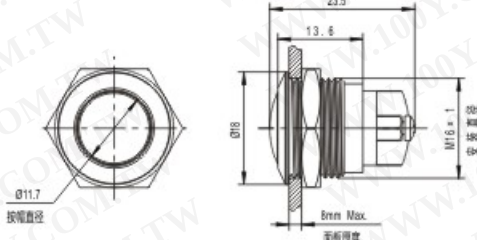
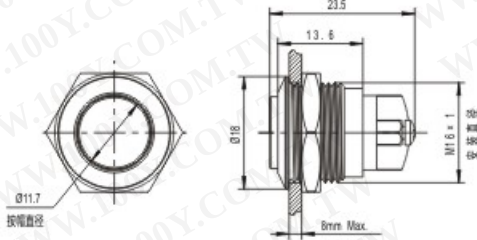


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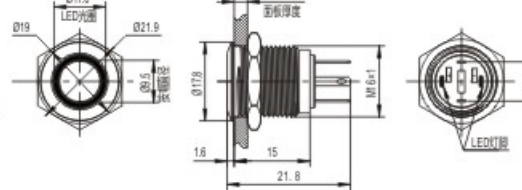
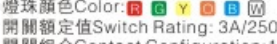
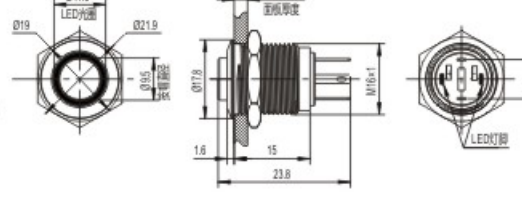
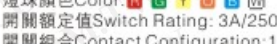
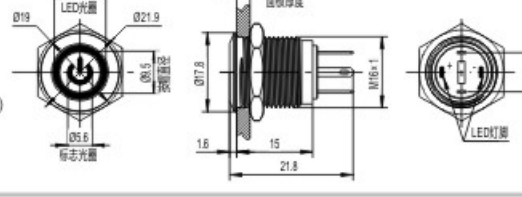
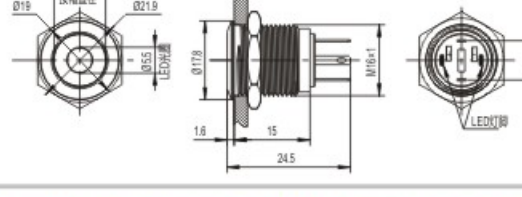
產品外觀	技術參數	外形尺寸
	安裝尺寸Diameter: Φ16mm 開關額定值Switch Rating: 3A/250VAC 開關組合 Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 頭部形狀The Front Shape: 平面 Flat 外殼材料 The Crust Material: 不銹鋼Stainless steel 銅鍍銘Copper plating 防護等級IP Degree: IP67, IK10	
	安裝尺寸Diameter: Φ16mm 開關額定值Switch Rating: 3A/250VAC 開關組合 Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 頭部形狀The Front Shape: 球面 Ball 外殼材料 The Crust Material: 不銹鋼Stainless steel 銅鍍銘Copper plating 防護等級IP Degree: IP67, IK10	
	安裝尺寸Diameter: Φ16mm 開關額定值Switch Rating: 3A/250VAC 開關組合 Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 頭部形狀The Front Shape: 高頭 High 外殼材料 The Crust Material: 不銹鋼Stainless steel 銅鍍銘Copper plating 防護等級IP Degree: IP67, IK10	

產品規格	Specification	MP16S/F10	MP16S/B10	MP16S/H10
尾部配置	Terminal Type	接線柱Wiring terminal	接線柱Wiring terminal	接線柱Wiring terminal
開關結構	Switching	NO.1	NO.1	NO.1
開關規格	Max. Switch Rating	3A/250VAC	3A/250VAC	3A/250VAC
接觸電阻	Contact Resistance	≤50mΩ	≤50mΩ	≤50mΩ
絕緣電阻	Insulation Resistance	≥1000MΩ	≥1000MΩ	≥1000MΩ
絕緣強度	Dielectric Intensity	2000VAC	2000VAC	2000VAC
環境溫度	Operating Temp	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
機械壽命	Mechanical Life	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles
電氣壽命	Electrical Life	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles
面板厚度	Panel Thickness	1~6mm	1~6mm	1~6mm
螺母扭矩	Torque	5~14Nm	5~14Nm	5~14Nm
操作壓力	Operation Pressure	約4N About 4N	約4N About 4N	約4N About 4N
操作行程	Operation Travel	約1.5mm About 1.5mm	約1.5mm About 1.5mm	約1.5mm About 1.5mm
防護等級	IP Degree	IP67, IK10	IP67, IK10	IP67, IK10
材料	觸點	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold
	按鍵	不銹鋼Stainless steel 銅鍍銘Copper plating	不銹鋼Stainless steel 銅鍍銘Copper plating	不銹鋼Stainless steel 銅鍍銘Copper plating
	外殼	不銹鋼Stainless steel 銅鍍銘Copper plating	不銹鋼Stainless steel 銅鍍銘Copper plating	不銹鋼Stainless steel 銅鍍銘Copper plating
	底座	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC
帶燈部分參數 LED Spec.	RohS	可定制Made to order	可定制Made to order	可定制Made to order
	帶燈類型	Lamp type		
	額定電壓	Rated Voltage(Ue)		
	燈珠顏色	Color		
帶燈部分參數 LED Spec.	燈珠壽命	Life		



MP16 金屬按鈕開關系列 MP16 Metal Push Button Switch Series

Φ16金屬帶燈按鈕開關/Metal Lamp Push Button Switch

產品外觀	技術參數	外形尺寸
	安裝尺寸Diameter: Φ16mm 燈珠顏色Color:  開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 頭部形狀The Front Shape: 平面 Flat 帶燈方式Lamp type: 環形帶燈Ring Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 銅鍍銘Copper plating 防護等級IP Degree: IP67, IK10	
	安裝尺寸Diameter: Φ16mm 燈珠顏色Color:  開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 頭部形狀The Front Shape: 高頭 High 帶燈方式Lamp type: 環形帶燈Ring Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 銅鍍銘Copper plating 防護等級IP Degree: IP67, IK10	
	安裝尺寸Diameter: Φ16mm 燈珠顏色Color:  開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 頭部形狀The Front Shape: 平面 Flat 帶燈方式Lamp type: 電源標Power symbol Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 銅鍍銘Copper plating 防護等級IP Degree: IP67, IK10	
	安裝尺寸Diameter: Φ16mm 燈珠顏色Color:  開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 頭部形狀The Front Shape: 平面 Flat 帶燈方式Lamp type: 單點帶燈Dot Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 銅鍍銘Copper plating 防護等級IP Degree: IP67, IK10	

產品規格	Specification	MP016S/F2J-Δ▲E	MP016S/H2J-Δ▲E	MP016S/F2J-Δ▲EDY	MP016S/F2J-Δ▲D
尾部配置	Terminal Type	接線插片Pin Terminal(2×0.5mm)	接線插片Pin Terminal(2×0.5mm)	接線插片Pin Terminal(2×0.5mm)	接線插片Pin Terminal(2×0.5mm)
開關結構	Switching	NO.1	NO.1	NO.1	NO.1
開關規格	Max. Switch Rating	3A/250VAC	3A/250VAC	3A/250VAC	3A/250VAC
接觸電阻	Contact Resistance	≤50mΩ	≤50mΩ	≤50mΩ	≤50mΩ
絕緣電阻	Insulation Resistance	≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ
絕緣強度	Dielectric Intensity	2000VAC	2000VAC	2000VAC	2000VAC
環境溫度	Operating Temp	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
機械壽命	Mechanical Life	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles
電氣壽命	Electrical Life	5萬次以上 50,000 cycles	5萬次以上 50,000 cycles	5萬次以上 50,000 cycles	5萬次以上 50,000 cycles
面板厚度	Panel Thickness	1~10mm	1~10mm	1~10mm	1~10mm
螺母扭矩	Torque	5~14Nm	5~14Nm	5~14Nm	5~14Nm
操作壓力	Operation Pressure	2.5~4N	2.5~4N	2.5~4N	2.5~4N
操作行程	Operation Travel	約2.8mm About 2.8mm	約2.8mm About 2.8mm	約2.8mm About 2.8mm	約2.8mm About 2.8mm
防護等級	IP Degree	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
材料	觸點	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold
	按鍵	不銹鋼Stainless steel 銅鍍銘Copper plating	不銹鋼Stainless steel 銅鍍銘Copper plating	不銹鋼Stainless steel 銅鍍銘Copper plating	不銹鋼Stainless steel 銅鍍銘Copper plating
	外殼	不銹鋼Stainless steel 銅鍍銘Copper plating	不銹鋼Stainless steel 銅鍍銘Copper plating	不銹鋼Stainless steel 銅鍍銘Copper plating	不銹鋼Stainless steel 銅鍍銘Copper plating
	底座	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC
帶燈部分參數 LED Spec.	RohS	可定制Made to order	可定制Made to order	可定制Made to order	可定制Made to order
	帶燈類型	Lamp type			
	額定電壓	Rated Voltage(Ue)			
	燈珠顏色	Color			
帶燈部分參數 LED Spec.	燈珠壽命	Life			

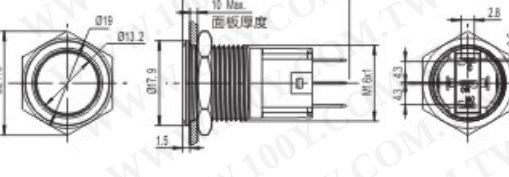
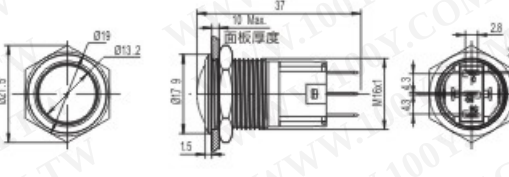
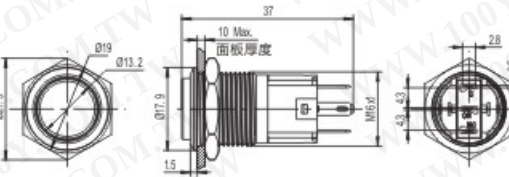
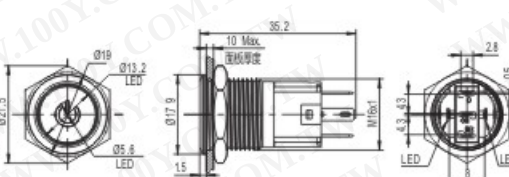


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Φ16金屬按鈕開關 Metal Push Button Switch

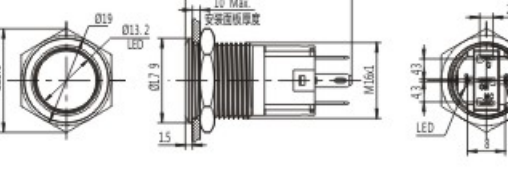
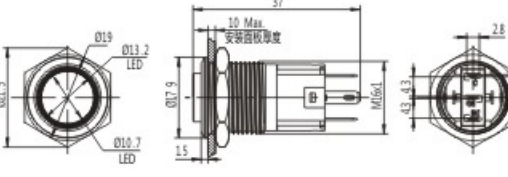
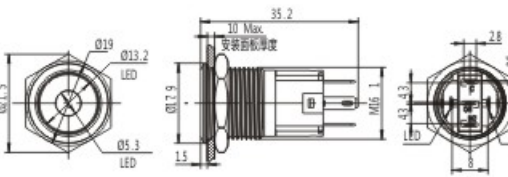
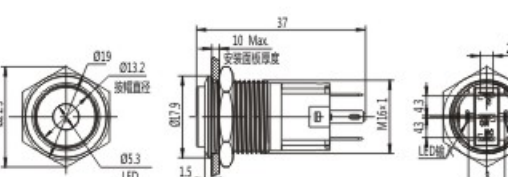
產品外觀	技術參數	外形尺寸
	安裝尺寸Diameter: Φ16mm 開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO1NC 操作類型Operation Type: 自復型Momentary 自鎖型Maintained 頭部形狀The Front Shape: 高頭 High 帶燈方式Lamp type: 單點帶燈Dot Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 防護等級IP Degree: IP67, IK10	
	安裝尺寸Diameter: Φ16mm 開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO1NC 操作類型Operation Type: 自復型Momentary 自鎖型Maintained 頭部形狀The Front Shape: 高頭 High 帶燈方式Lamp type: 環形帶燈Ring Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 防護等級IP Degree: IP67, IK10	
	安裝尺寸Diameter: Φ16mm 開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO1NC 操作類型Operation Type: 自復型Momentary 自鎖型Maintained 頭部形狀The Front Shape: 平面 Flat 帶燈方式Lamp type: 單點帶燈Dot Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 防護等級IP Degree: IP67, IK10	
	安裝尺寸Diameter: Φ16mm 燈珠顏色Color:  開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO1NC 操作類型Operation Type: 自復型Momentary 自鎖型Maintained 頭部形狀The Front Shape: 平面 Flat 帶燈方式Lamp type: 電源標Power symbol Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 防護等級IP Degree: IP67, IK10	

產品規格	Specification	MP016S/F11	MP016S/B11	MP016S/H11	MP016S/F11-Δ▲EDY
尾部配置	Terminal Type	接線插片Pin Terminal(2×0.5mm)	接線插片Pin Terminal(2×0.5mm)	接線插片Pin Terminal(2×0.5mm)	接線插片Pin Terminal(2×0.5mm)
開關結構	Switching	NO.3	NO.3	NO.3	NO.3
開關規格	Max. Switch Rating	3A/250VAC	3A/250VAC	3A/250VAC	3A/250VAC
接觸電阻	Contact Resistance	≤50mΩ	≤50mΩ	≤50mΩ	≤50mΩ
絕緣電阻	Insulation Resistance	≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ
絕緣強度	Dielectric Intensity	2000VAC	2000VAC	2000VAC	2000VAC
環境溫度	Operating Temp	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
機械壽命	Mechanical Life	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles
電氣壽命	Electrical Life	5萬次以上 50,000 cycles	5萬次以上 50,000 cycles	5萬次以上 50,000 cycles	5萬次以上 50,000 cycles
面板厚度	Panel Thickness	1~10mm	1~10mm	1~10mm	1~10mm
螺母扭矩	Torque	5~14Nm	5~14Nm	5~14Nm	5~14Nm
操作壓力	Operation Pressure	2.5~4N	2.5~4N	2.5~4N	2.5~4N
操作行程	Operation Travel	約2.8mm About2.8mm	約2.8mm About2.8mm	約2.8mm About2.8mm	約2.8mm About2.8mm
防護等級	IP Degree	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
材料	觸點	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold
	按鈕	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
	底座	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC
	外殼	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
帶燈部分參數	RohS	可定制Made to order	可定制Made to order	可定制Made to order	可定制Made to order
	帶燈類型	單點帶燈Dot Illuminated(LED)	環形帶燈Ring Illuminated(LED)	單點帶燈Dot Illuminated(LED)	電源標Power symbol Illuminated(LED)
	額定電壓	6V/12V/24V/110V/220V	6V/12V/24V/110V/220V	6V/12V/24V/110V/220V	6V/12V/24V/110V/220V
	燈珠顏色				
Spec.	燈珠壽命				40000小時



MP16 金屬按鈕開關系列 MP16 Metal Push Button Switch Series

Φ16金屬帶燈按鈕開關/Metal Lamp Push Button Switch

產品外觀	技術參數	外形尺寸
	安裝尺寸Diameter: Φ16mm 燈珠顏色Color:  開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO1NC 操作類型Operation Type: 自復型Momentary 自鎖型Maintained 頭部形狀The Front Shape: 平面 Flat 帶燈方式Lamp type: 電源標Power symbol Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 防護等級IP Degree: IP67, IK10	
	安裝尺寸Diameter: Φ16mm 燈珠顏色Color:  開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO1NC 操作類型Operation Type: 自復型Momentary 自鎖型Maintained 頭部形狀The Front Shape: 高頭 High 帶燈方式Lamp type: 環形帶燈Ring Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 防護等級IP Degree: IP67, IK10	
	安裝尺寸Diameter: Φ16mm 燈珠顏色Color:  開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO1NC 操作類型Operation Type: 自復型Momentary 自鎖型Maintained 頭部形狀The Front Shape: 平面 Flat 帶燈方式Lamp type: 中心帶燈Dot Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 防護等級IP Degree: IP67, IK10	
	安裝尺寸Diameter: Φ16mm 燈珠顏色Color:  開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO1NC 操作類型Operation Type: 自復型Momentary 自鎖型Maintained 頭部形狀The Front Shape: 高頭 High 帶燈方式Lamp type: 中心帶燈Dot Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 防護等級IP Degree: IP67, IK10	

產品規格	Specification	MP016S/F11-Δ▲E	MP016S/H11-Δ▲E	MP016S/F11-Δ▲D	MP016S/H11-Δ▲D
尾部配置	Terminal Type	接線插片Pin Terminal(2×0.5mm)	接線插片Pin Terminal(2×0.5mm)	接線插片Pin Terminal(2×0.5mm)	接線插片Pin Terminal(2×0.5mm)
開關結構	Switching	NO.3	NO.3	NO.3	NO.3
開關規格	Max. Switch Rating	3A/250VAC	3A/250VAC	3A/250VAC	3A/250VAC
接觸電阻	Contact Resistance	≤50mΩ	≤50mΩ	≤50mΩ	≤50mΩ
絕緣電阻	Insulation Resistance	≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ
絕緣強度	Dielectric Intensity	2000VAC	2000VAC	2000VAC	2000VAC
環境溫度	Operating Temp	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
機械壽命	Mechanical Life	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles
電氣壽命	Electrical Life	5萬次以上 50,000 cycles	5萬次以上 50,000 cycles	5萬次以上 50,000 cycles	5萬次以上 50,000 cycles
面板厚度	Panel Thickness	1~10mm	1~10mm	1~10mm	1~10mm
螺母扭矩	Torque	5~14Nm	5~14Nm	5~14Nm	5~14Nm
操作壓力	Operation Pressure	2.5~4N	2.5~4N	2.5~4N	2.5~4N
操作行程	Operation Travel	約2.8mm About2.8mm	約2.8mm About2.8mm	約2.8mm About2.8mm	約2.8mm About2.8mm
防護等級	IP Degree	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
材料	觸點	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold
	按鈕	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
	底座	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC
	外殼	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
帶燈部分參數	RohS	可定制Made to order	可定制Made to order	可定制Made to order	可定制Made to order
	帶燈類型	單點帶燈Dot Illuminated(LED)	環形帶燈Ring Illuminated(LED)	單點帶燈Dot Illuminated(LED)	單點帶燈Dot Illuminated(LED)
	額定電壓	6V/12V/24V/110V/220V	6V/12V/24V/110V/220V	6V/12V/24V/110V/220V	6V/12V/24V/110V/220V
	燈珠顏色				
Spec.	燈珠壽命	40000小時	40000小時	40000小時	40000小時

Φ16金屬按鈕開關/Metal Push Button Switch

產品外觀

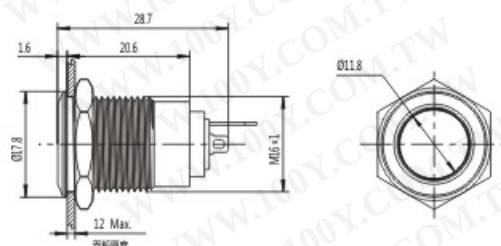
技術參數

外形尺寸



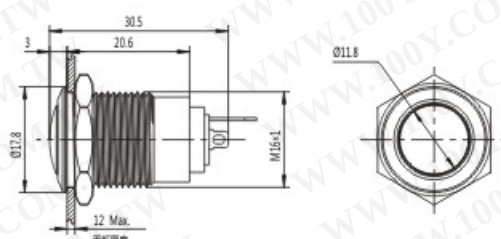
MP16S/F2JZ

安裝尺寸Diameter: Φ16mm
開關額定值Switch Rating: 3A/250VAC
開關組合Contact Configuration: 1NO
操作類型Operation Type: 自復型Momentary
自鎖型Maintained
頭部形狀The Front Shape: 平面 Flat
外殼材料
The Crust Material: 不銹鋼Stainless steel
防護等級IP Degree: IP67, IK10



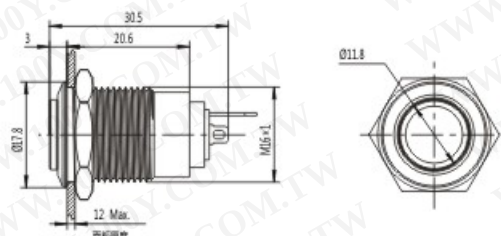
MP16S/B2JZ

安裝尺寸Diameter: Φ16mm
開關額定值Switch Rating: 3A/250VAC
開關組合Contact Configuration: 1NO
操作類型Operation Type: 自復型Momentary
自鎖型Maintained
頭部形狀The Front Shape: 球面 Ball
外殼材料
The Crust Material: 不銹鋼Stainless steel
防護等級IP Degree: IP67, IK10



MP16S/H2JZ

安裝尺寸Diameter: Φ16mm
開關額定值Switch Rating: 3A/250VAC
開關組合Contact Configuration: 1NO
操作類型Operation Type: 自復型Momentary
自鎖型Maintained
頭部形狀The Front Shape: 高頭 High
外殼材料
The Crust Material: 不銹鋼Stainless steel
防護等級IP Degree: IP67, IK10



產品規格	Specification	MP16S/F2JZ	MP16S/B2JZ	MP16S/H2JZ
尾部配置	Terminal Type	接線插片Pin Terminal(2x0.5mm)	接線插片Pin Terminal(2x0.5mm)	接線插片Pin Terminal(2x0.5mm)
開關結構	Switching	NO.1	NO.1	NO.1
開關規格	Max. Switch Rating	3A/250VAC	3A/250VAC	3A/250VAC
接觸電阻	Contact Resistance	≤50mΩ	≤50mΩ	≤50mΩ
絕緣電阻	Insulation Resistance	≥1000MΩ	≥1000MΩ	≥1000MΩ
絕緣強度	Dielectric Intensity	2000VAC	2000VAC	2000VAC
環境溫度	Operating Temp	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
機械壽命	Mechanical Life	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles
電氣壽命	Electrical Life	5萬次以上50,000 cycles	5萬次以上50,000 cycles	5萬次以上50,000 cycles
面板厚度	Panel Thickness	1~10mm	1~10mm	1~10mm
螺母扭矩	Torque	5~14Nm	5~14Nm	5~14Nm
操作壓力	Operation Pressure	2.5~4N	2.5~4N	2.5~4N
操作行程	Operation Travel	約2.8mm About2.8mm	約2.8mm About2.8mm	約2.8mm About2.8mm
防護等級	IP Degree	IP67, IK10	IP67, IK10	IP67, IK10
材料	觸點	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold
	按鈕	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
	底座	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC
	外殼	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
RohS	RohS	可定制Made to order	可定制Made to order	可定制Made to order
帶燈部分	Lamp type	LED		
帶燈類型	Rated Voltage(Ue)			
LED	燈珠顏色			
Spec.	燈珠壽命			

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Φ16金屬帶燈按鈕開關/Metal Lamp Push Button Switch

產品外觀

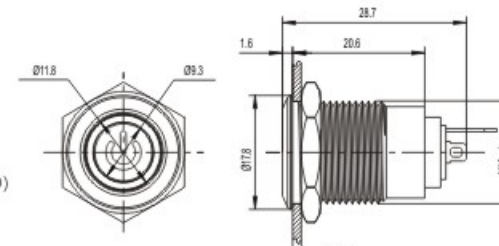
技術參數

外形尺寸



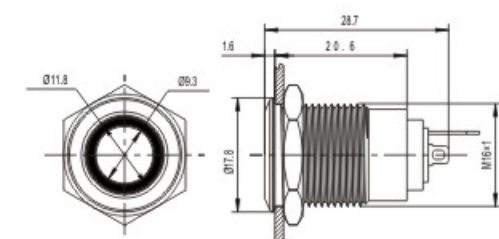
MP16S/F2JZ-Δ▲EDY

安裝尺寸Diameter: Φ16mm
燈珠顏色Color: R G B Y C M
開關額定值Switch Rating: 3A/250VAC
開關組合Contact Configuration: 1NO
操作類型Operation Type: 自鎖型Maintained
頭部形狀The Front Shape: 平面 Flat
外殼材料
帶燈方式Lamp type: 電源標Power symbol Illuminated(LED)
The Crust Material: 不銹鋼Stainless steel
防護等級IP Degree: IP67, IK10



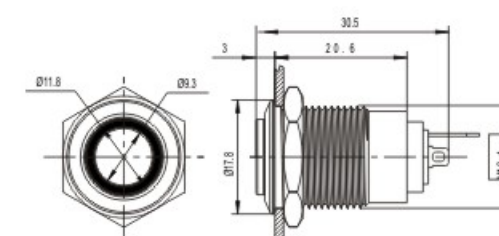
MP16S/F2JZ-Δ▲E

安裝尺寸Diameter: Φ16mm
燈珠顏色Color: R G B Y C M
開關額定值Switch Rating: 3A/250VAC
開關組合Contact Configuration: 1NO
操作類型Operation Type: 自鎖型Maintained
頭部形狀The Front Shape: 平面 Flat
外殼材料
The Crust Material: 不銹鋼Stainless steel
防護等級IP Degree: IP67, IK10



MP16S/H2JZ-Δ▲E

安裝尺寸Diameter: Φ16mm
燈珠顏色Color: R G B Y C M
開關額定值Switch Rating: 3A/250VAC
開關組合Contact Configuration: 1NO
操作類型Operation Type: 自鎖型Maintained
頭部形狀The Front Shape: 高頭 High
外殼材料
The Crust Material: 不銹鋼Stainless steel
防護等級IP Degree: IP67, IK10



產品規格	Specification	MP16S/F2JZ-Δ▲EDY	MP16S/F2JZ-Δ▲E	MP16S/H2JZ-Δ▲E
尾部配置	Terminal Type	接線插片Pin Terminal(2x0.5mm)	接線插片Pin Terminal(2x0.5mm)	接線插片Pin Terminal(2x0.5mm)
開關結構	Switching	NO.1	NO.1	NO.1
開關規格	Max. Switch Rating	3A/250VAC	3A/250VAC	3A/250VAC
接觸電阻	Contact Resistance	≤50mΩ	≤50mΩ	≤50mΩ
絕緣電阻	Insulation Resistance	≥1000MΩ	≥1000MΩ	≥1000MΩ
絕緣強度	Dielectric intensity	2000VAC	2000VAC	2000VAC
環境溫度	Operating Temp	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
機械壽命	Mechanical Life	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles
電氣壽命	Electrical Life	5萬次以上50,000 cycles	5萬次以上50,000 cycles	5萬次以上50,000 cycles
面板厚度	Panel Thickness	1~10mm	1~10mm	1~10mm
螺母扭矩	Torque	5~14Nm	5~14Nm	5~14Nm
操作壓力	Operation Pressure	2.5~4N	2.5~4N	2.5~4N
操作行程	Operation Travel	約2.8mm About2.8mm	約2.8mm About2.8mm	約2.8mm About2.8mm
防護等級	IP Degree	IP67, IK10	IP67, IK10	IP67, IK10
材料	觸點	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold	銀鍍金Silver Plated Gold
	按鈕	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
	底座	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC
	外殼	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
RohS	RohS	可定制Made to order	可定制Made to order	可定制Made to order
帶燈部分	Lamp type	電源標Power symbol Illuminated(LED)	環形帶燈Ring Illuminated(LED)	環形帶燈Ring Illuminated(LED)
帶燈類型	Rated Voltage(Ue)	6V/12V/24V/110V/220V	6V/12V/24V/110V/220V	6V/12V/24V/110V/220V
LED	燈珠顏色	R G B Y C M	R G B Y C M	R G B Y C M
Spec.	燈珠壽命	40000小時	40000小時	40000小時