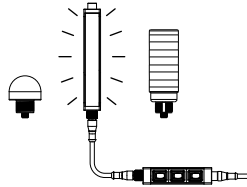
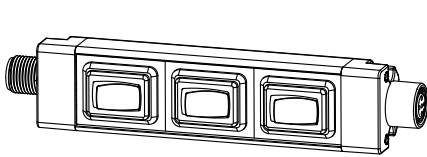


LC28 In-Line Switch



Datasheet



- In-line switch with M12 connectors
- Rugged metal housing
- Perfect for dc-powered task lights, indicators, and tower lights
- Rated for up to 30 V dc

Model	Description	Used With
LC28PB2-3Q	Three 2-position In-line switch	4-wire dc LED lights

Specifications

Supply Voltage

30V dc max

Current Rating

4 Amps max

Electrical Life

> 10,000 make and break cycles at full load

Construction

Clear anodized aluminum housing; painted zinc end caps; Nylon switch; zinc plated steel brackets

Mounting

(2) swivel brackets SMBWLS28RA included and (4) screws

Environmental Rating

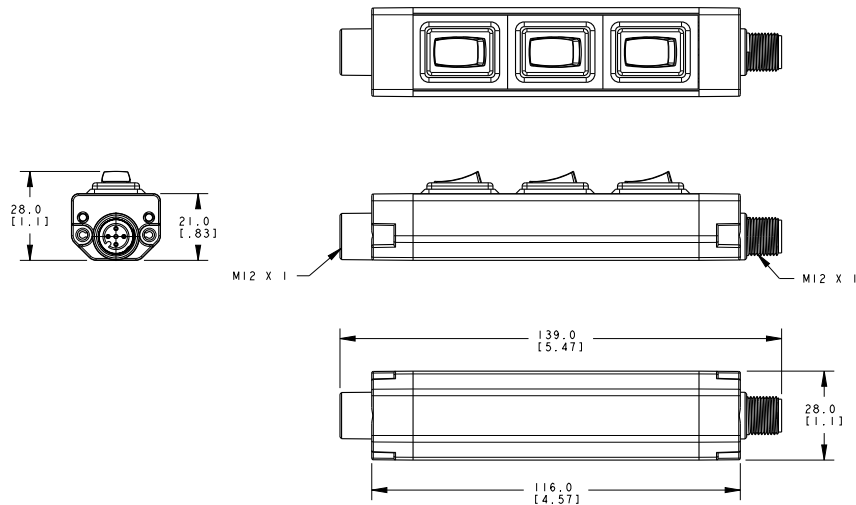
IEC IP50

Certifications



Dimensions

All measurements are listed in millimeters [inches], unless noted otherwise.



Wiring Diagrams

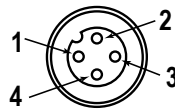
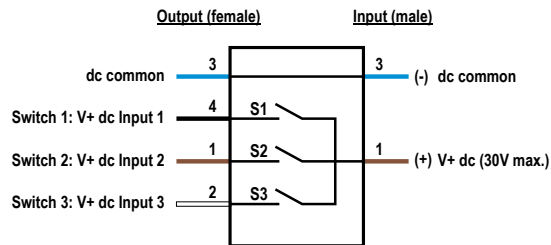


Figure 1. 4-pin M12/Euro-style Female

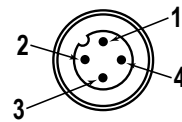


Figure 2. 4-pin M12/Euro-style Male

LC28PB2-3Q Wiring Diagram				
Pin	Wire Color	Input (Male)	Output (Female)	
4	Black	Not Used	Switch 1: V+ dc Input 1	
1	Brown	V+ dc (30 V max)	Switch 2: V+ dc Input 2	
2	White	Not Used	Switch 3: V+ dc Input 3	
3	Blue	dc common	dc common	

Accessories

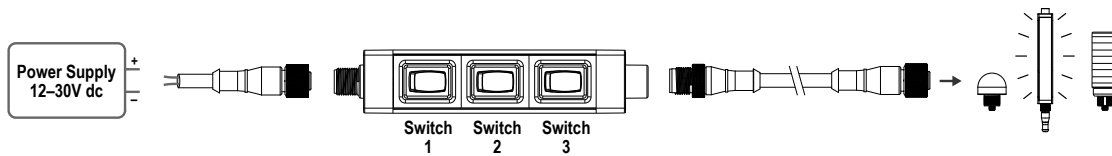
Cordsets

4-Pin Threaded M12/Euro-Style Cordsets—Single Ended				
Model	Length	Style	Dimensions	Pinout (Female)
MQDC-406	1.83 m (6 ft)	Straight		
MQDC-415	4.57 m (15 ft)			
MQDC-430	9.14 m (30 ft)			
MQDC-450	15.2 m (50 ft)			
MQDC-406RA	1.83 m (6 ft)	Right-Angle		1 = Brown 2 = White 3 = Blue 4 = Black
MQDC-415RA	4.57 m (15 ft)			
MQDC-430RA	9.14 m (30 ft)			
MQDC-450RA	15.2 m (50 ft)			

4-Pin Threaded M12/Euro-Style Cordsets—Double Ended

Model	Length	Style	Dimensions	Pinout
MQDEC-401SS	0.31 m (1 ft)	Male Straight/ Female Straight		Female
MQDEC-403SS	0.91 m (3 ft)			
MQDEC-406SS	1.83 m (6 ft)			Male
MQDEC-412SS	3.66 m (12 ft)			
MQDEC-420SS	6.10 m (20 ft)			
MQDEC-430SS	9.14 m (30 ft)			
MQDEC-450SS	15.2 m (50 ft)			1 = Brown 2 = White 3 = Blue 4 = Black

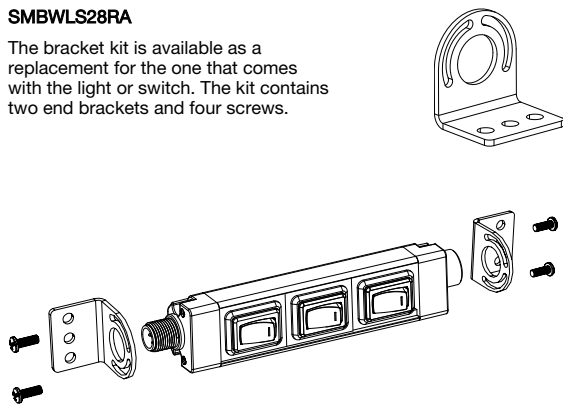
Cordset Schematic



Brackets

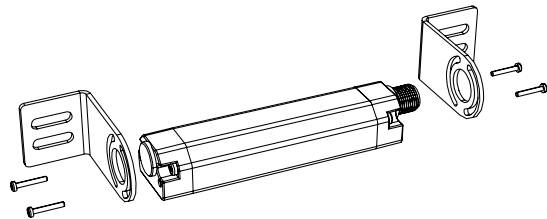
SMBWLS28RA

The bracket kit is available as a replacement for the one that comes with the light or switch. The kit contains two end brackets and four screws.



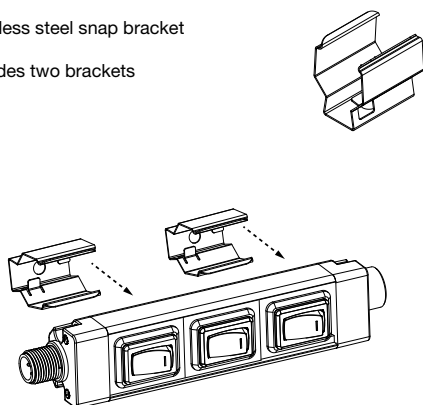
SMBWLS28SM

This kit allows the light or switch to be mounted at a right angle to the mounting surface. The kit contains two end brackets and four screws.



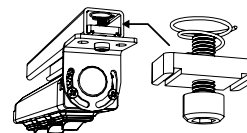
SMBWLS28SP

- Stainless steel snap bracket kit
- Includes two brackets

**SMH1316**

This kit allows the light or switch to be mounted to a 13/16-inch Unistrut channel. Switch is shown. The kit includes:

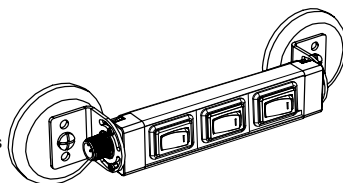
- #10-32 spring nuts (qty 2)
- #10-32 socket head cap screws (qty 2)
- #10 lock washers (qty 2)

**SMBWLSMAG**

Magnetic mounting bracket for easy attachment to steel surfaces

SMBWLSMAGR

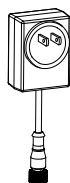
Protective cover also available to prevent scratches to painted surfaces



Power Supplies

PSW-24-1

- 24 V dc, 1 A Class 2 UL Listed power supply
- 100 V ac to 240 V ac 50/60 Hz input
- 2 m (6.5 ft) PVC cable with M12/Euro-style quick disconnect
- Includes Type A (US, Canada, Japan, Puerto Rico, Taiwan), Type C (Germany, France, South Korea, Netherlands, Poland, Spain, Turkey), Type G (United Kingdom, Ireland, Singapore, Vietnam), and Type I (China, Australia, New Zealand) ac detachable input plugs

**PSD-24-4**

- 90 to 264 V ac 50/60 Hz input
- Includes a 1.8 m (6 ft) US style 5-15P input plug
- 24 V dc UL Listed Class 2 M12/Euro-style connector output
- 4 A total current



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more sensors, more solutions