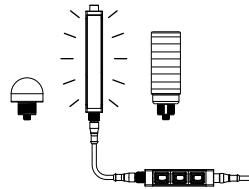
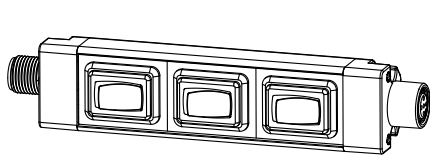


LC28 In-Line Switch



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

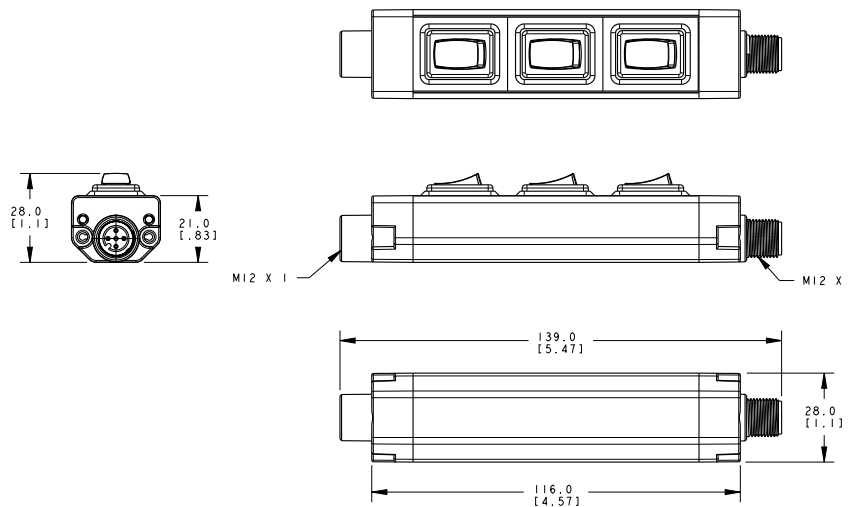
IEC IP50

Certifications



Dimensions

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



Wiring Diagrams

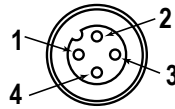
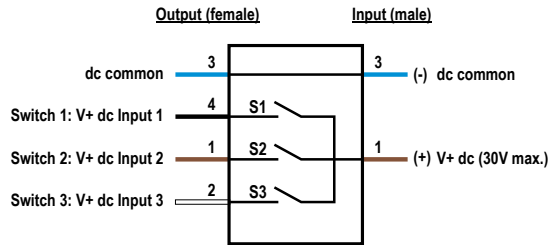


Figure 1. 4-pin M12/Euro-style Female

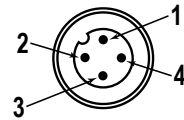


Figure 2. 4-pin M12/Euro-style Male

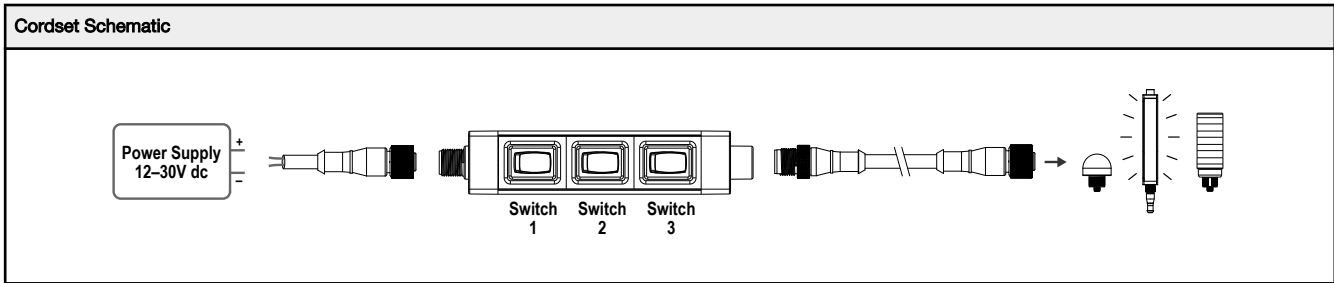
LC28PB2-3Q Wiring Diagram			
Pin	Wire Color	Input (Male)	Output (Female)
4	Black	Not Used	Switch 1: V+ dc Input 1
1	Brown	V+ dc (30 V max)	Switch 2: V+ dc Input 2
2	White	Not Used	Switch 3: V+ dc Input 3
3	Blue	dc common	dc common

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		<p>1 = Brown 2 = White 3 = Blue 4 = Black</p>
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		
MQDC-415RA	4.57 m (15 ft)			
MQDC-430RA	9.14 m (30 ft)			
MQDC-450RA	15.2 m (50 ft)			

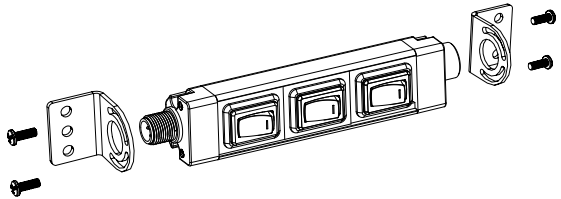
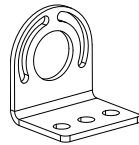
4-Pin Threaded M12/Euro-Style Cordsets—Double Ended				
Model	Length	Style	Dimensions	Pinout
MQDEC-401SS	0.31 m (1 ft)	Male Straight/ Female Straight		Female
MQDEC-403SS	0.91 m (3 ft)			
MQDEC-406SS	1.83 m (6 ft)			Male
MQDEC-412SS	3.66 m (12 ft)			
MQDEC-420SS	6.10 m (20 ft)			
MQDEC-430SS	9.14 m (30 ft)			
MQDEC-450SS	15.2 m (50 ft)			
				1 = Brown 2 = White 3 = Blue 4 = Black



Brackets

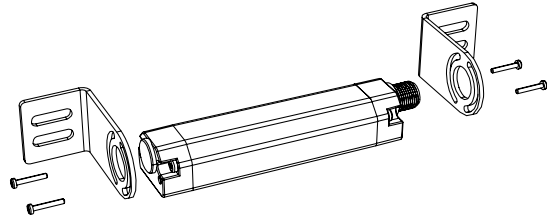
SMBWLS28RA

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.



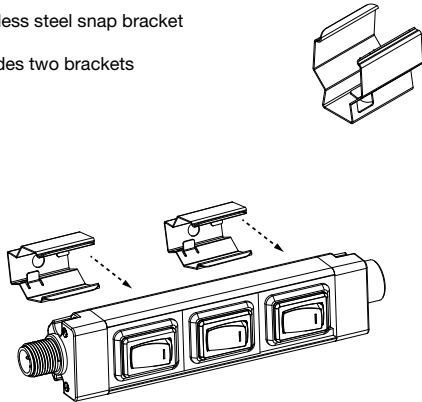
SMBWLS28SM

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.



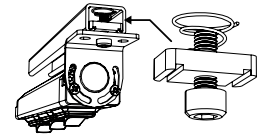
SMBWLS28SP

- 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:

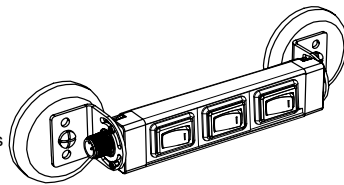
- #10-32 spring nuts (qty 2)
- #10-32 socket head cap screws (qty 2)
- #10 lock washers (qty 2)

**SMBWLSMAG**

Magnetic mounting bracket for easy attachment to steel surfaces

SMBWLSMAGR

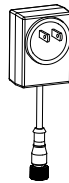
Protective cover also available to prevent scratches to painted surfaces



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



Banner Engineering Corp. Limited Warranty

Banner Engineering Corp. warrants its products to be free from defects in material and workmanship for one year following the date of shipment. Banner Engineering Corp. will repair or replace, free of charge, any product of its manufacture which, at the time it is returned to the factory, is found to have been defective during the warranty period. This warranty does not cover damage or liability for misuse, abuse, or the improper application or installation of the Banner product.

THIS LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), AND WHETHER ARISING UNDER COURSE OF PERFORMANCE, COURSE OF DEALING OR TRADE USAGE.

This Warranty is exclusive and limited to repair or, at the discretion of Banner Engineering Corp., replacement. **IN NO EVENT SHALL BANNER ENGINEERING CORP. BE LIABLE TO BUYER OR ANY OTHER PERSON OR ENTITY FOR ANY EXTRA COSTS, EXPENSES, LOSSES, LOSS OF PROFITS, OR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM ANY PRODUCT DEFECT OR FROM THE USE OR INABILITY TO USE THE PRODUCT, WHETHER ARISING IN CONTRACT OR WARRANTY, STATUTE, TORT, STRICT LIABILITY, NEGLIGENCE, OR OTHERWISE.**

Banner Engineering Corp. reserves the right to change, modify or improve the design of the product without assuming any obligations or liabilities relating to any product previously manufactured by Banner Engineering Corp. Any misuse, abuse, or improper application or installation of this product or use of the product for personal protection applications when the product is identified as not intended for such purposes will void the product warranty. Any modifications to this product without prior express approval by Banner Engineering Corp will void the product warranties. All specifications published in this document are subject to change; Banner reserves the right to modify product specifications or update documentation at any time. Specifications and product information in English supersede that which is provided in any other language. For the most recent version of any documentation, refer to: www.bannerengineering.com.

For patent information, see www.bannerengineering.com/patents.



more sensors, more solutions