LC28 In-Line Switch

Features

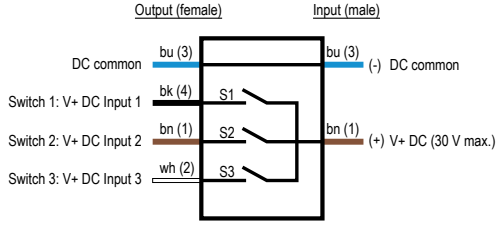


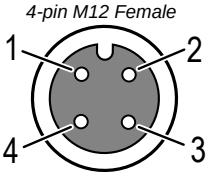
- In-line switch with M12 connectors
- Rugged metal housing
- Perfect for DC-powered task lights, indicators, and tower lights
- Rated for up to 30 V DC

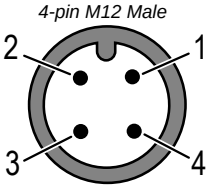
Models

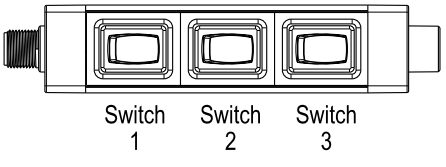
Model	Description	Used With
LC28PB2-3Q	Three 2-position in-line switch	4-wire DC LED lights

Wiring







		LC28PB2-3Q Wiring Diagram	
			
Pin	**Wire Color**	**Input (Male)**	**Output (Female)**
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
4	Black	Not Used	Switch 1: V+ DC Input 1

Specifications

Supply Voltage
30 V 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
IP50

Certifications
Banner Engineering BV
Park Lane, Culliganlaan 2F bus 3
1831 Diegem, BELGIUM

E476617

Required Overcurrent Protection

WARNING: Electrical connections must be made by qualified personnel in accordance with local and national electrical codes and regulations.

Overcurrent protection is required to be provided by end product application per the supplied table.

Original Instructions
31-Mar-26

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213141
p/n: 213141 Rev. A

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

Overcurrent protection may be provided with external fusing or via Current Limiting, Class 2 Power Supply.
Supply wiring leads < 24 AWG shall not be spliced.
For additional product support, go to .

Supply Wiring (AWG)	Required Overcurrent Protection (A)	Supply Wiring (AWG)	Required Overcurrent Protection (A)
20	5.0	26	1.0
22	3.0	28	0.8

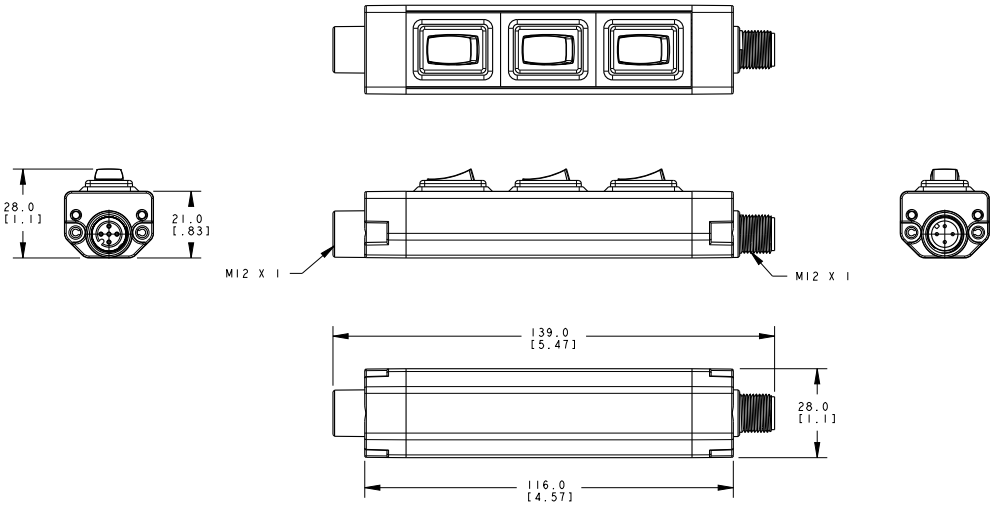
Continued on page 3

Continued from page 1

Supply Wiring (AWG)	Required Overcurrent Protection (A)	Supply Wiring (AWG)	Required Overcurrent Protection (A)
24	2.0	30	0.5

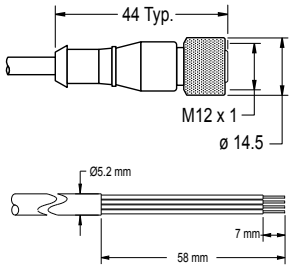
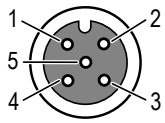
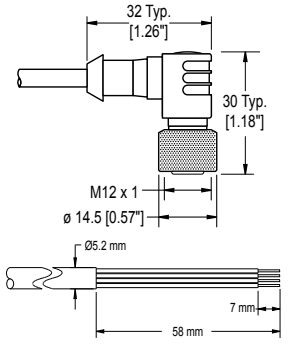
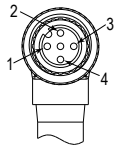
Dimensions

All measurements are listed in millimeters [inches], unless noted otherwise. The measurements provided are subject to change.

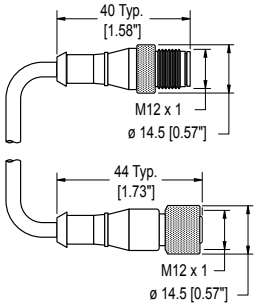
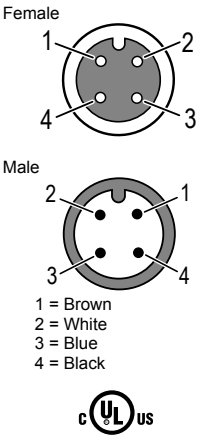


Accessories

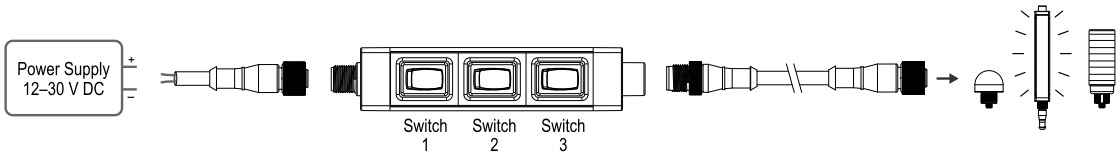
Cordsets

4-Pin Single-Ended M12 Female Cordsets					
Model	**Length**	**Style**	**Dimensions**	**Pinout (Female)**	
MQDC-406	2 m (6.56 ft)	Straight			1 = Brown 2 = White 3 = Blue 4 = Black 5 = Not used
MQDC-415	5 m (16.4 ft)				
MQDC-430	9 m (29.5 ft)				
MQDC-450	15 m (49.2 ft)				
MQDC-406RA	2 m (6.56 ft)	Right-Angle			
MQDC-415RA	5 m (16.4 ft)				
MQDC-430RA	9 m (29.5 ft)				
MQDC-450RA	15 m (49.2 ft)				

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4-Pin Double-Ended M12 Female to M12 Male Cordsets				
Model	**Length**	**Style**	**Dimensions**	**Pinout**
MQDEC-401SS	0.31 m (1 ft)	Male Straight/Female Straight		
MQDEC-403SS	0.91 m (2.99 ft)			
MQDEC-406SS	1.83 m (6 ft)			
MQDEC-412SS	3.66 m (12 ft)			
MQDEC-415SS	4.58 m (15 ft)			
MQDEC-420SS	6.10 m (20 ft)			
MQDEC-430SS	9.14 m (30.2 ft)			
MQDEC-450SS	15.2 m (49.9 ft)			

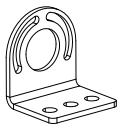
Cordset Schematic

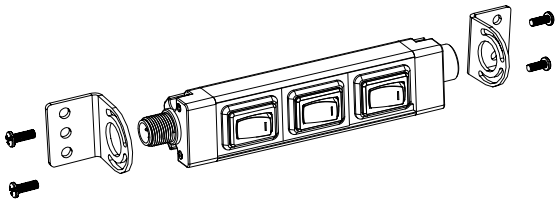


Brackets

SMBWLS28RA

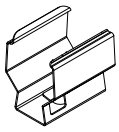
- Replacement end bracket kit
- 1.8 mm (14 gage) cold rolled steel with zinc plate, clear chromate finish
- Kit contains two end brackets and four screws
- CAD Files: DXF, PDF, IGS, STP

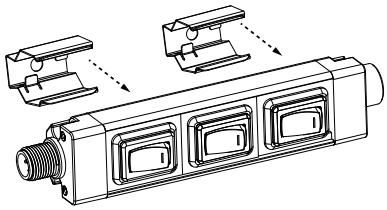




SMBWLS28SP

- Stainless steel snap bracket kit
- Includes two brackets
- CAD Files: DXF, PDF, IGS, STP

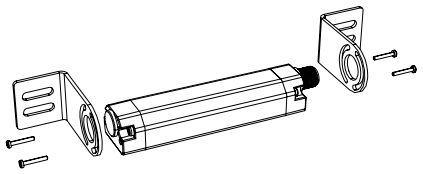




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SMBWLS28SM

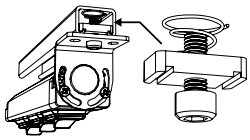
- End bracket kit
- Cold Rolled Steel with a clear zinc finish
- Allows the light or switch to be mounted at a right angle to the mounting surface
- Kit contains two end brackets and four screws
- CAD Files: DXF, PDF, IGS, STP



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)
- CAD Files: DXF, PDF, IGS, STP

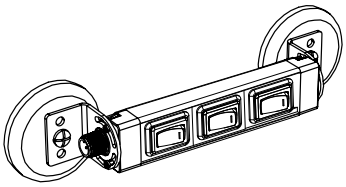


SMBWLSMAG

- Magnetic mounting bracket for easy attachment to steel surfaces
- CAD Files: DXF, PDF, IGS, STP

SMBWLSMAGR

- Protective cover also available to prevent scratches to painted surfaces
- CAD Files: DXF, PDF, IGS, STP



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 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 connector output
- 4 A total current



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