

SL SERIES POWER DISTRIBUTION MODULES



PN 880075 with remote switching



PN 880076 with remote switching and manual control

Description

High-amp circuits can be disconnected with remote switch SL PDM (PN 880075) or manual/remote switch SL PDM (PN 880076). Manual knob enables emergency battery disconnection or provides positive lock-out for vehicle servicing. Ideal for low-amp circuits including clock memory, alarms, tachograph, and Qualcomm modules; and for high-amp circuits such as vehicle control modules, inverters, and auxiliary circuits.

Ignition protected to SAE J1171 and ISO 8846 for installation in a battery box, or on vehicles carrying hazardous loads. Water and dust-resistant to IP69K, permitting high temperature, high-pressure washing. Provides the benefits of a sealed cover, but allows water to escape if the cover is mistakenly unsecured. Tin-plated copper studs provide maximum conductivity and significantly lower contact resistance. Stainless steel hardware provides superior corrosion resistance. Also available with pre-installed fuses to customer needs.

These products are customer-limited. Please consult Littelfuse for details. Fuses sold separately.

Features and Benefits

- Provides main battery shutdown from a remote location.
- Optional manual control knob switches high-amp circuits.
- Three switched 30A to 200A MIDI® fuse locations.
- Four unswitched 24-hour 1A-40A ATO® fuse locations.
- Eliminates significant factory or field interconnections.

Specifications Overview

Voltage (nominal):	12V DC
Max Total Amperage Rating:	300A at 85°C
Operating Temp:	-50° C to +105° C
Ingress Protection:	IP69K
Vibration	8 G

Web Resources

Download technical resources at:
littelfuse.com/SL

Ordering Information

PART NUMBER	DESCRIPTION
880075	SL PDM
880076	SL PDM with knob

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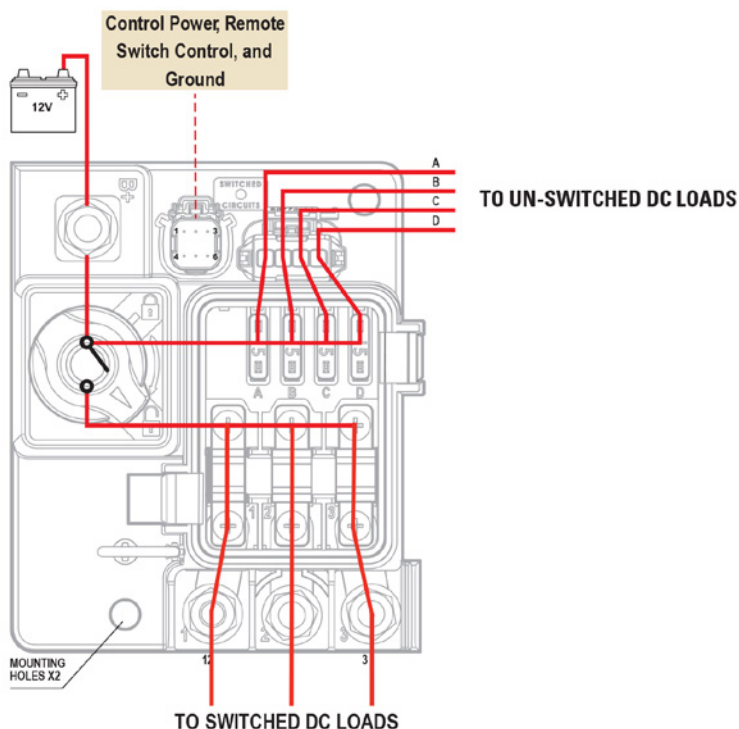
Specifications

880075 & 880076	
Max Total Amperage Rating	300A at 85°C / 240A at 105°C (1 x 4/0 input cable)
Voltage (Nominal)	12V DC
Temperature Range	-50°C to 105°C
Terminal Stud Size	M8 x 1.25mm (accepts 5/16" and M8 terminals)
Shock	50 G
Vibration	8 G
Mounting Holes	9mm (for M8 or 5/16" hardware)
Weight	PN 880075 1.4lbs (0.64kg) PN 880076 1.5lbs (0.68kg)

MIDI Fuse Circuits	
Max Continuous Current (Per Circuit)	170A (85% of max fuse rating)
Fuse Amperages Available	30-200A

ATO Fuse Circuits	
Max Continuous Current (Per Circuit)	30A (85% of max fuse rating)
Fuse Amperages Available	1-40A

Configurations



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