Wire Gauge Selection Chart

1. Measure wire length. When a return ground wire is used, measure both wires.
2. Find the correct wire gauge by matching the amperage, at the correct voltage, with the wire length, or the next larger footage on the chart.

NOTE: This chart is based upon a 10% maximum voltage drop, for 5% voltage drop, use double the measured wire length.

6 Volt	12 Volt	WIRE GAUGE REQUIRED—BY LENGTH OF CIRCUIT IN FEET														
Amps	Amps	3′	5′	7′	10′	15′	20′	25′	30′	40′	50′	60′	70′	80′	90′	100
0.5	1	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
0.75	1.5	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18
1	2	20	20	20	20	20	20	20	20	20	20	18	18	16	16	16
1.5	3	20	20	20	20	20	20	20	20	18	18	16	16	14	14	14
2	4	20	20	20	20	20	20	20	18	16	16	14	14	14	14	12
2.5	5	20	20	20	20	20	20	18	18	16	14	14	14	12	12	12
3	6	20	20	20	20	20	18	18	16	14	14	14	12	12	12	10
3.5	7	20	20	20	20	20	18	16	16	14	14	12	12	12	10	10
4	8	20	20	20	20	18	16	16	14	14	12	12	12	10	10	10
5	10	20	20	20	20	18	16	14	14	12	12	10	10	10	10	8
6	12	20	20	20	18	16	14	14	14	12	10	10	10	8	8	8
7.5	15	20	20	20	18	16	14	12	12	10	10	10	8	8	8	6
10	20	20	20	18	16	14	12	12	10	10	8	8	8	6	6	6
12	24	20	18	16	14	14	12	10	10	8	8	8	6	6	6	4
15	30	18	16	16	14	12	10	10	10	8	8	6	6	6	4	4
18	36	16	14	14	14	12	10	10	8	8	6	6	4	4	4	4
25	50	14	14	14	12	10	8	8	8	6	4	4	4	2	2	2
50	100	14	12	10	8	8	6	6	4	4	2	2	1	0	0	2/0
75	150	12	10	8	6	6	4	4	2	2	1	0	2/0	2/0	3/0	3/0
100	200	10	8	8	6	4	2	2	2	1	0	2/0	3/0	4/0	4/0	4/0

NOTE: WHEN MECHANICAL STRENGTH IS A FACTOR USE NEXT LARGER WIRE GAUGE

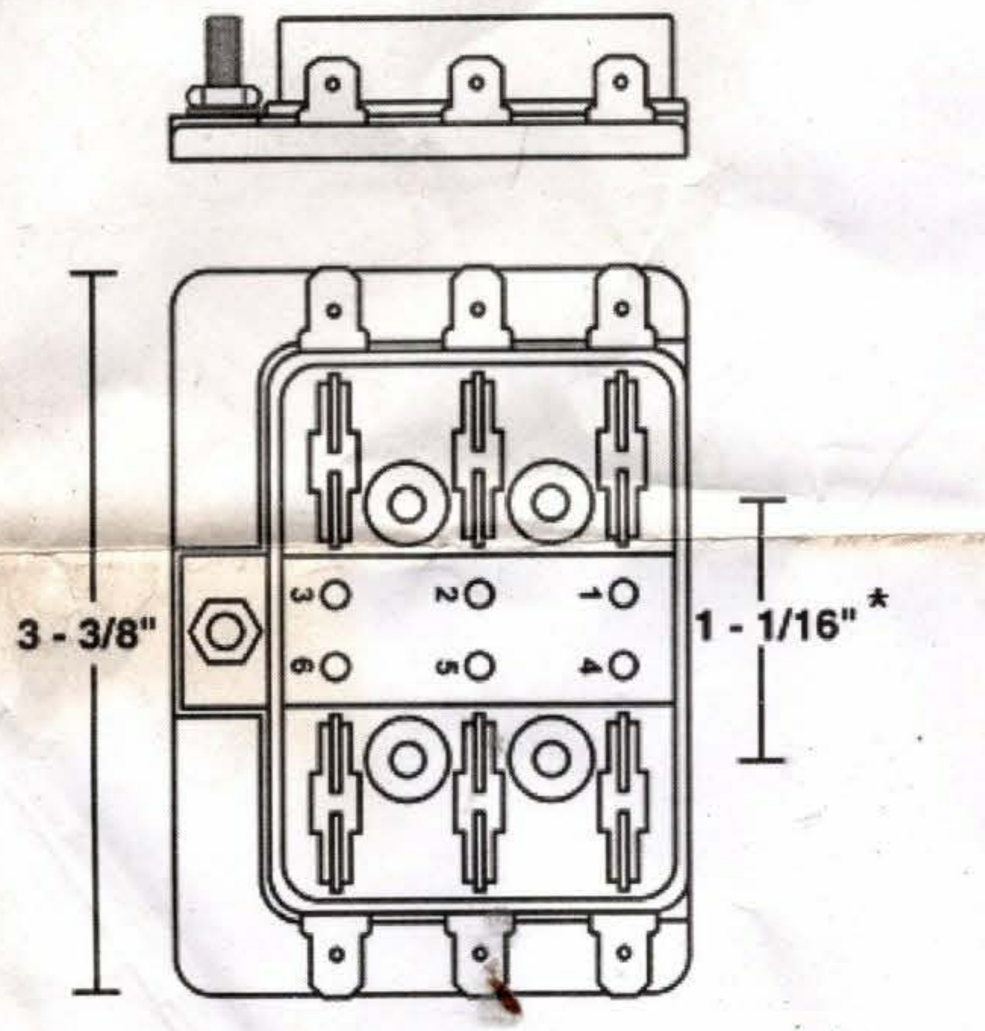
www.online-led-store.com
US Toll Free: 1-855-LED-ONLINE (533-6654)
International: 1-909-212-0993
Fax: (909) 575-6722
E-mail: support@online-led-store.com

6 Circuit and 10 Circuit ATC/ATO Surface Mount Fuse Panel with LED Indicator Light

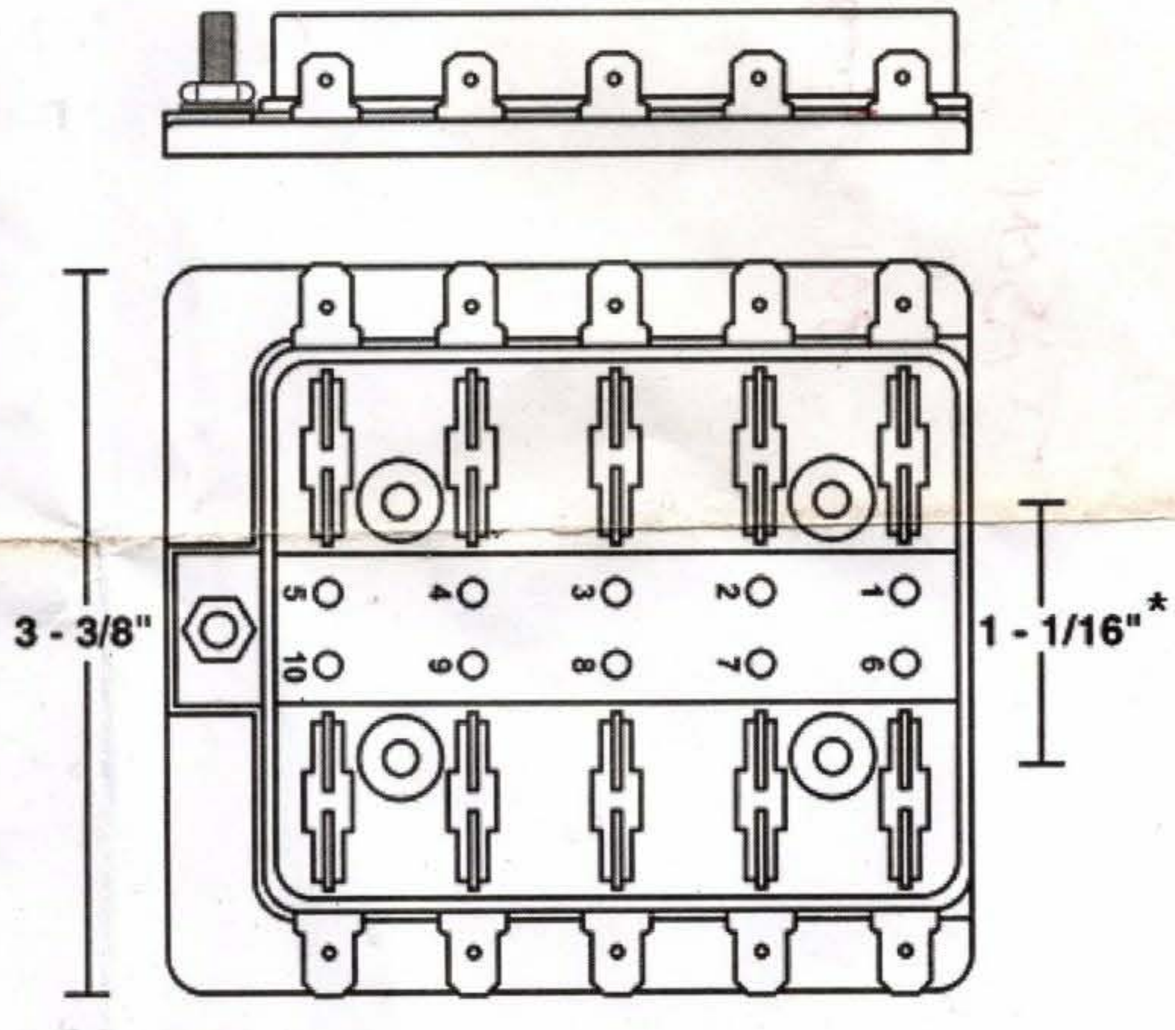
SKU: PSZACCEPS051H and PSZACCEPS052H

Note: Installer of this product must have a good understanding of automotive electronics, systems, and procedures.

6 position model



10 position model



*** measurement between mounting screw holes**

- LED indicator light turns ON when the fuse is blown
- 1/4" stud for power feed
- 0.250" male quick disconnect connections
- Input voltage: 10 – 32 VDC
- Maximum of 30 amps per circuit, 100 amps per panel

Online LED Store S2B Inc. ©2013 All Rights Reserved