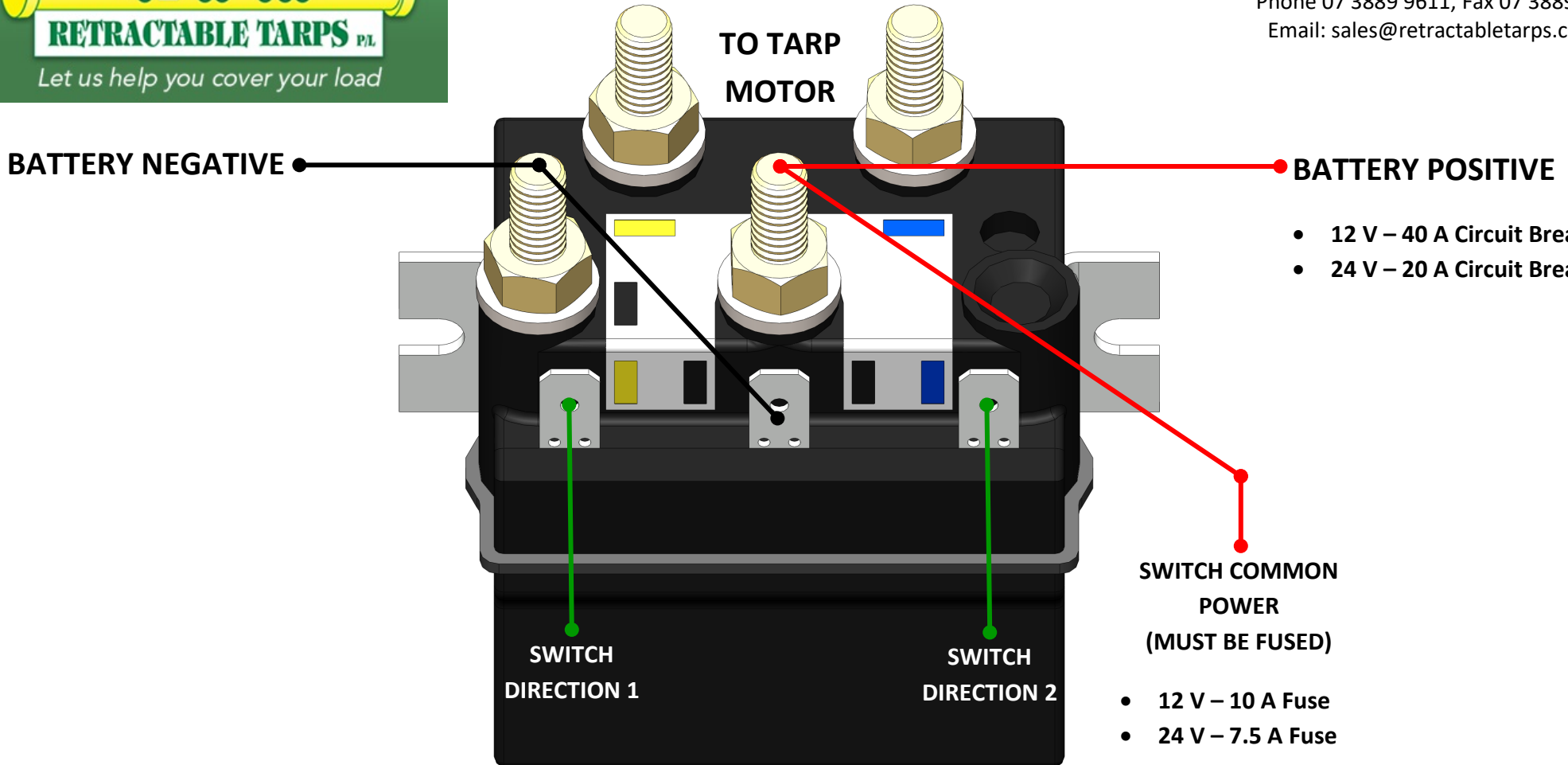




MOTOR CONTROL SOLENOID

28-30 Terrence Road Brendale QLD 4500
 PO Box 5623, Brendale QLD 4500
 Phone 07 3889 9611, Fax 07 3889 9622
 Email: sales@retractabletarps.com.au



- 12 V – 40 A Circuit Breaker
- 24 V – 20 A Circuit Breaker

- 12 V – 10 A Fuse
- 24 V – 7.5 A Fuse

CABLE SIZING RECOMMENDATIONS

- Switch wiring should be 3 mm Auto
- Battery wiring should be 6B&S wire up to 15 m from battery
- If greater than 15 m. **OR** Solenoid is controlling a trailer tarp. 3B&S **must** be used
- In any other configuration, use the cable sizing chart (right)

CABLE SIZING TABLE		
CABLE SIZE 6 mm Auto	CUMULATIVE RESISTANCE (mΩ/m) 4.1	FORMULA
8 B&S	2.4	$V = \frac{L \times R \times A}{1000}$ V – Voltage Drop (Volts) L – Total Cable Length (m) R – Cable Resistance (mΩ/m) A – Current (Amps)
6 B&S	1.4	
4 B&S	0.9	
3 B&S	0.7	
2 B&S	0.6	
1 B&S	0.5	
0 B&S	0.4	
00 B&S	0.3	