

Switching a mixed load with a 12V Defender

Special consideration must be made when switching inductive and resistive loads simultaneously across the contacts. The maximum load is either 200 amps resistive OR 100 amps inductive. Not both.

The table below shows 5 examples of acceptable mixed loads

| Resistive Load in Amps | Inductive Load in Amps |
|-------------------------------|-------------------------------|
| 200 | 0 |
| 150 | 25 |
| 100 | 50 |
| 50 | 75 |
| 0 | 100 |

Switching a mixed load with a 24V Defender

Special consideration must be made when switching inductive and resistive loads simultaneously across the contacts. The maximum load is either 100 amps resistive OR 100 amps inductive. Not both.

The table below shows 5 examples of acceptable mixed loads

| Resistive Load in Amps | Inductive Load in Amps |
|-------------------------------|-------------------------------|
| 100 | 0 |
| 75 | 25 |
| 50 | 50 |
| 25 | 75 |
| 0 | 100 |

Please contact MurCal's Insides Sales Department if you have any questions.