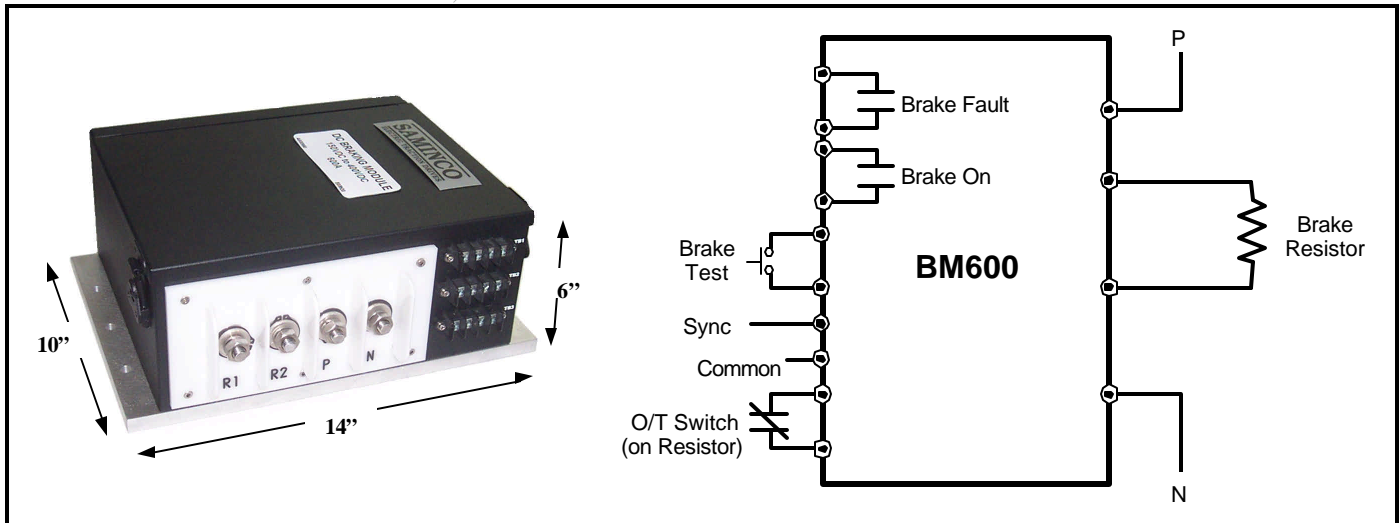


**BM-600**  
**DC Braking Module**  
 150V—400V 600A

**SAMINCO**  
 ELECTRIC TRACTION DRIVES



- Absorbs high voltage surges on DC voltage supplies due to regenerative braking of DC or AC traction drives — adjustable from 150V to 400V
- Capable of dumping up to 600A into braking resistor
- 10% duty cycle (for example, 6 seconds on, every 60 seconds)
- Contains provision for resistor over temperature protection via resistor OT sensor
- Compact, single enclosure houses all components, including internal isolated power supply
- Brake On and Brake Fault output via relay contacts
- Able to sync up to 5 modules with “first triggers all” concept (no master unit required) for a total of 3000A Braking Current
- Battery Condition Monitoring feature sends signal to operator indicating repeated Brake cycles, warning the operator to check the battery condition

**SAMINCO Part Number:**                    **A800990**

**SPECIFICATIONS:**

**Input Voltage:**                                120VDC to 360VDC

**Braking Threshold Voltage:**            Adjustable from 150V to 400V

**Maximum Current:**                         600A (per module)

**Duty Cycle:**                                    10% (e.g. 6 seconds on, every 60 seconds)

**Braking Resistor Rating:**                150V Threshold: 0.25 Ohm, 5kW continuous (Battery Systems)  
 360V Threshold: 0.6 Ohm, 12kW continuous

**Backward compatible with Saminco BM300 Brake Choppers**

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