

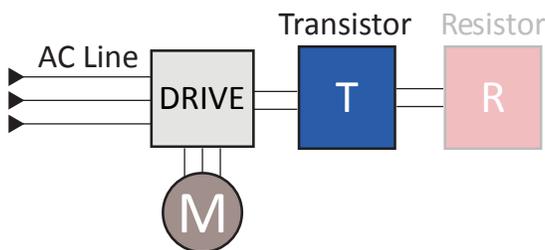
Braking Transistors for 72VDC Servo Drives



Overvoltage Solutions



*Din Rail
Mountable*



BONITRON

M3452-S100 Series

Bonitron Braking Transistors are used with DC servo drives to allow full power braking and eliminate overvoltage faults. This permits controlled braking and dramatically shortens motor stopping time. **The M3452-S100 series are ideal for drives with no internal braking transistor** and work with variable frequency drives to monitor the DC bus. If overvoltage occurs, the braking transistor shunts the excess energy through a braking resistor to **prevent overvoltage faults**.

Braking resistors are also available from Bonitron.

The M3452-S100 series is rated for 15% duty. The compact design allows for simple DIN rail mounting, making installation fast and flexible for any control cabinet setup.

Designed for use with Rockwell Automation's QuickStick 150

Product Highlights

- Protect from overvoltage faults caused by regenerative voltage
- 15% duty cycle
- Powered from DC bus
- Can be installed as retrofit or with initial installation
- Easily connects to drive DC bus terminals
- Dramatically shortens time required for motor shutdown
- Increase process uptime

Model Number Selection

Base Model Number	Peak Current	Cont. Current	Minimum Resistance	Dimensions (H x W x D)
72 VDC				
M3452-S100N78-DIN	100A	15A	19Ω	5.65" x 4.15" x 3.17"



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