ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

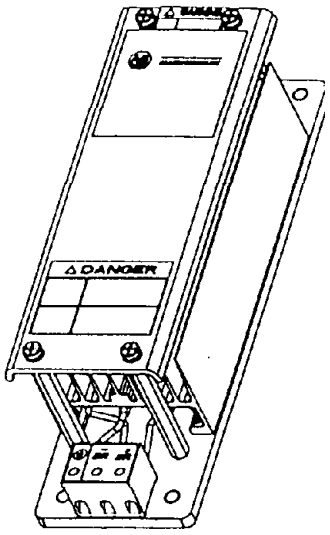
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Rockwell / Allen-Bradley 160-BMB2* at our website: *Click HERE*

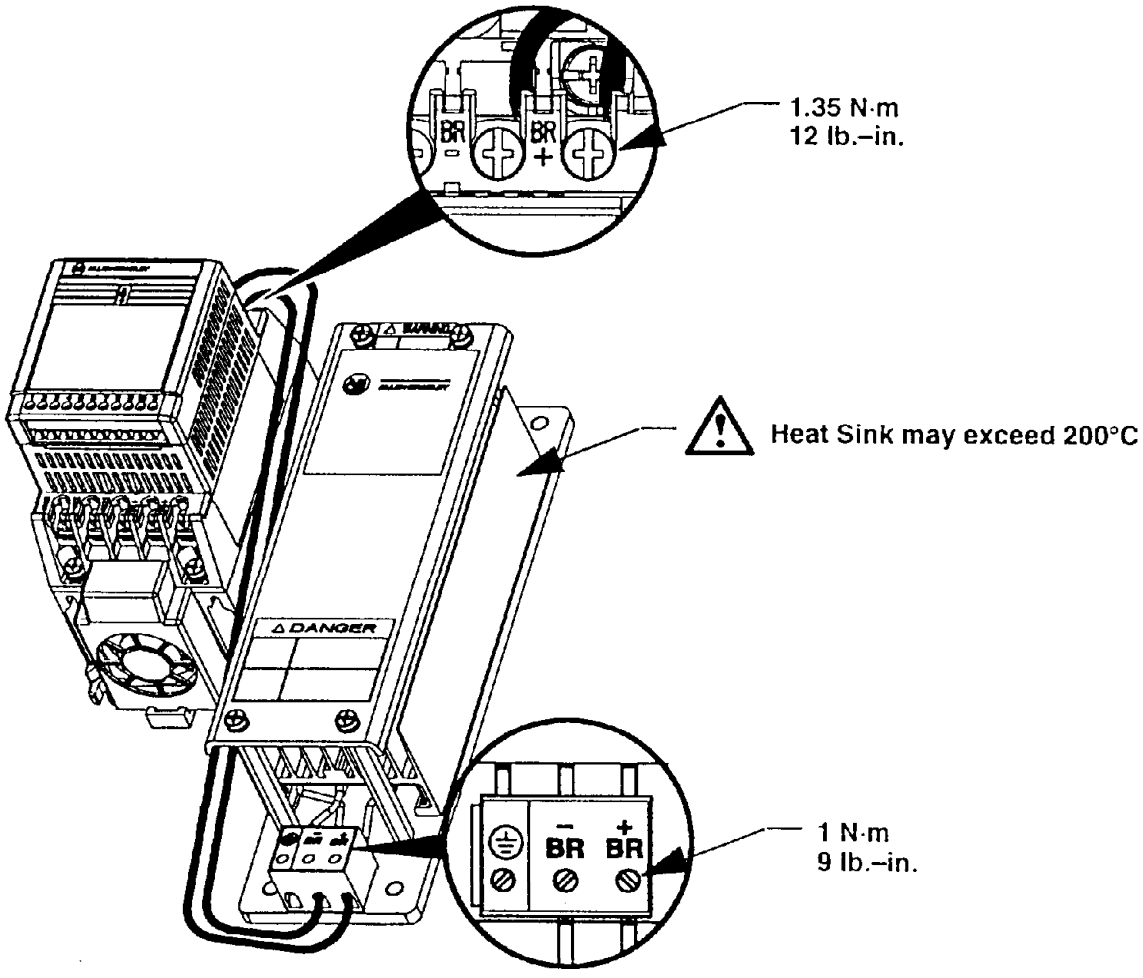
Dynamic Brake Module



(Cat 160–BMA1, –BMA2, –BMB1, –BMB2)

Installation

ATTENTION: To prevent electrical shock, disconnect from power source before installing o servicing.



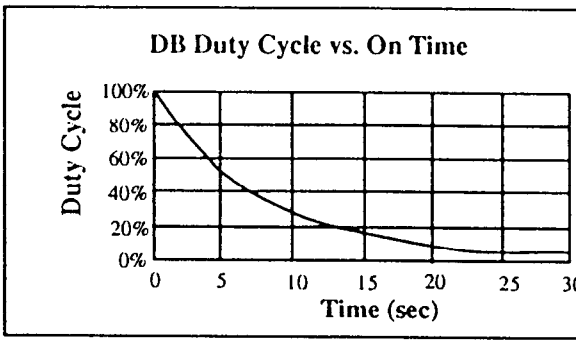
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

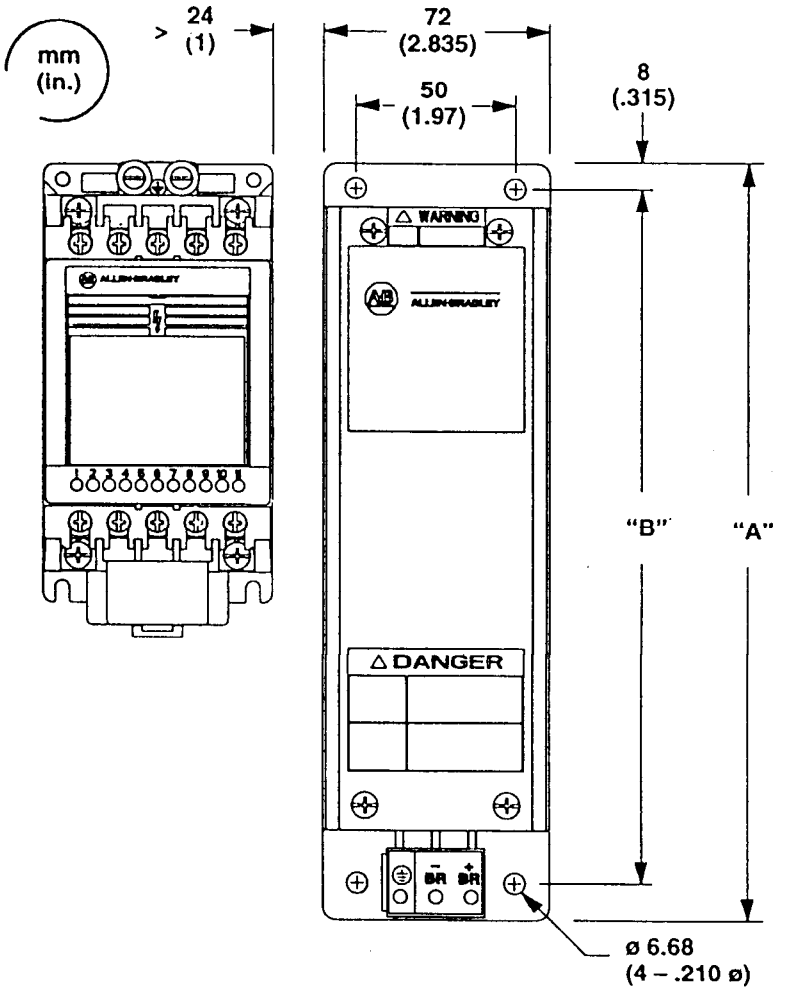
	200 – 240 VAC (3∅ and 1∅)				380 – 460 VAC (3∅)			
Controller Rating KW (HP)	Estimated Braking Torque [1]	Allowable Braking Duty Cycle [2]	DB Resistance (Ω)	Maximum Power [3] (Watts)	Estimated Braking Torque [1]	Allowable Braking Duty Cycle [2]	DB Resistance (Ω)	Maximum Power [3] (Watts)
.35 (.5)	300%	5%	188	60	300%	5%	755	60
.55 (.75)	230%	5%	188	60	230%	5%	755	60
.75 (1)	200%	5%	188	60	200%	5%	755	60
1.5 (2)	150%	5%	94	120	150%	5%	377	120
2.2 (3)	115%	5%	94	120	115%	5%	377	120

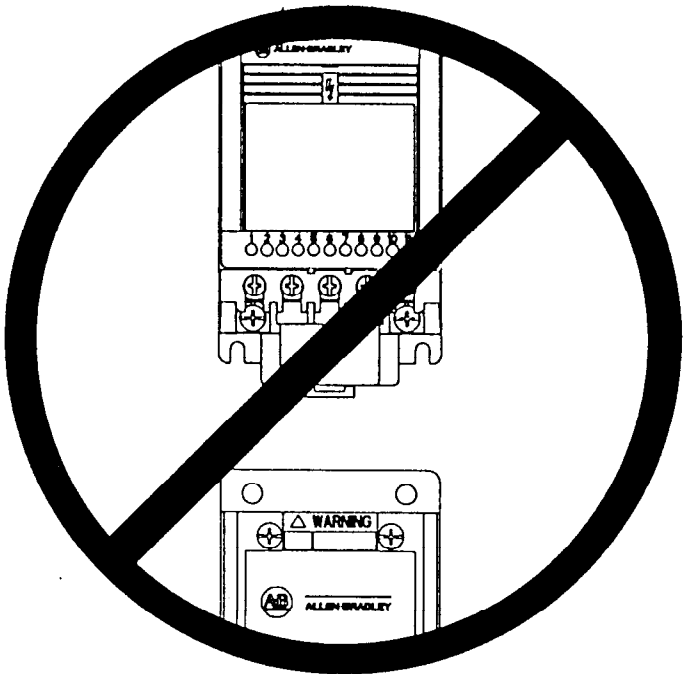
1 Exact value will depend on motor characteristics and deceleration ramp setup
2 Self-Limited by Controller
3 Select wire rating to match input current of Bul. 160 Smart Speed Controller

Operation:

The dynamic brake module provides increased braking torque and thus allows faster deceleration. To limit excessive power loss, the dynamic brake module is designed to operate for a maximum of 5 seconds out of 100 seconds (5% duty cycle). To simplify setup and use, the dynamic brake module is limited internally by the SSC™ Controller as shown on the graph at right. The SSC™ Controller will provide full (100% duty) braking when first used. If the brake continues to be stressed the SSC™ Controller will limit its power by decreasing the duty cycle applied to it. Eventually the SSC™ Controller will provide approximately 5% duty to the dynamic brake module. When braking is stopped the SSC™ Controller will reset itself, modeling the cooling of the dynamic brake module. This can take up to ten minutes if the brake module is driven to the 5% level.







CAT	"A"	"B"
160–BMA1 160–BMB1	245 (9.64)	225 (8.86)
160–BMA2 160–BMB2	334 (13.15)	314 (12.36)

40055–156–01(B)
Printed in U.S.A.

Rockwell Automation
Allen-Bradley

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP