

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.

Visit our website - *Click HERE*

RSxA Series – Solid State Contactor

DIN Rail or Panel Mounted, Single Phase

Continental

CONTINENTAL INDUSTRIES INTERNATIONAL

- **50, 75 or 100 amp rating, 660V max**
- **Integrated heatsink**
- **Mounts on DIN rail or panel**
- **L.E.D. input and fault and fuse indicators**
- **Built-in snubber**
- **Direct copper bonded SCRs**



SPECIFICATIONS:

Load type:	Resistive
Inputs:	
DC Input	ON < 4-28Vdc, 12mA max. OFF> 1Vdc
AC Input	ON ≥ 100-280Vac, 18mA max; OFF ≤≤ 20Vac or <2mA, 10kΩ impedance
Current ratings:	50A, 75A and 100A
Voltage ratings:	24 - 660V max.
Operating temperature:	0°C to 40°C (up to 80°C with derating)
Peak blocking voltage:	1200V
Isurge:	600 Apeak, 1 cycle non-repetitive
Isurge:	200 Apeak, 1 second non-repetitive
Leakage @ Vout:	8mA max
Holding current:	50A-50mA, 75A-100mA,100A-100mA
Voltage Drop:	1.3Vac
Turn on/off(max):	1/2Hz
I^2t rating (A^2 sec):	50A-7,200, 75A-15,000, 100A-20,000
Dv/Dt:	500V/µS
Frequency:	47-63Hz
Ambient:	40°Cmax, up to 80°C with derating

ORDERING CODES:

Model	/	Rating	/	Options

Model

RSDA	4-28 Vdc input AC output
RSAA	100-280 Vac input, AC output

Rating

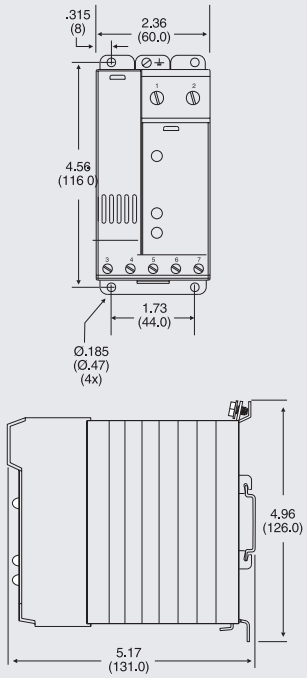
660-50	50 amps, 660 volts max
660-75	75 amps, 660 volts max
660100	100 amps, 660 volts max

Options

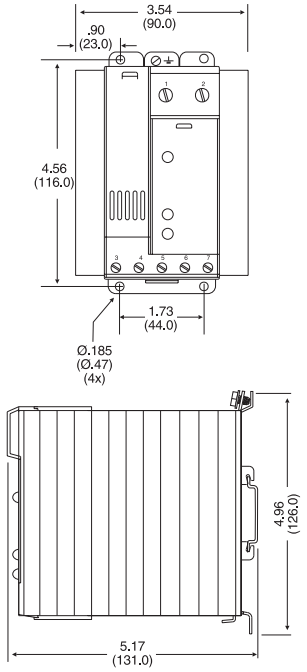
100	Standard 50-100 amp model
B00	100 amp model without fuse

DIMENSIONS

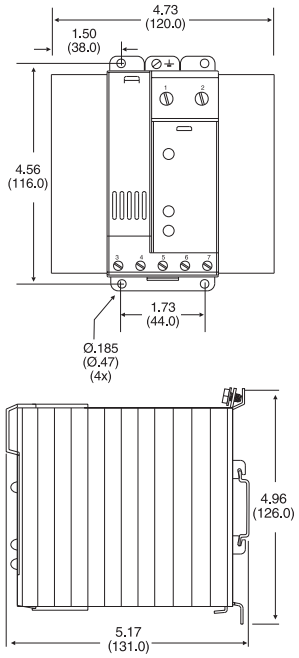
50 Amp



75 Amp



100 Amp



Terminals:

Input:
- Will accept #24-10 AWG wire
- Torque to 7-9 inch lbs.

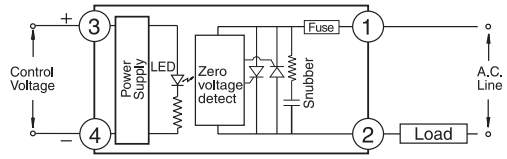
Output:
- Will accept #8-3 AWG wire
- Torque to 40 inch lbs.

** Standard product features internal fuses.*

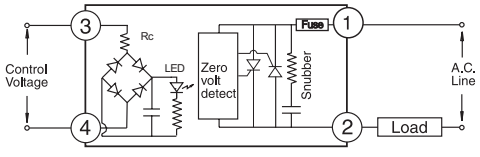
*** The -B00 option substitutes a copper bus bar in place of the internal I^2T fuse. This permits the RSAA/RSDA to be operated on higher amperage applications without concern about fuse de-rating due to heat. Please order the external fuse and fuseblock as a separate line item. Consult factory regarding the -B00 option.*

SCHEMATICS

DC



AC



For more information contact your local representative:

© Copyright Eurotherm Inc 2004.
All rights strictly reserved. No part of this document may be stored in a retrieval system of any form or by any means without prior written permission from Eurotherm Controls Inc. Every effort has been taken to ensure the accuracy of this specification. However, in order to maintain our technological lead we are continuously improving our products which could, without notice, result in amendments or omissions to this specification. We cannot accept responsibility for damage, injury, loss or expenses resulting therefrom.

invensys
EUROTHERM
Continental Industries International
741-F Miller Drive, Leesburg, VA, 20175, Phone 571 258 2105, Fax 703 669 1357, info@ciicontrols.com, www.ciicontrols.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