ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
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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

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Find the *Power-IO DDA3-5V75T-H* at our website: *Click HERE*

POWER-IO™

Intelligent Automation I/O Products

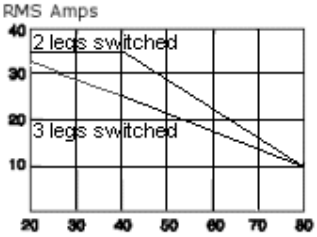
Three phase, 25 or 35 amps per leg, din rail contactor

Features

- Maximum Surge Survival™ technology -- triple layer, voltage surge protection
- Green LED for input status
- Thermally optimized heat sink permits edge-to-edge installations on a din rail
- Built-in snubber circuit
- Zero crossing activation -- low EMI, low noise to nearby electronics
- Internal 50A SCR thyristors for high inrush capability
- 4000 volt isolation, 1400Vpk blocking voltage
- 1000 volt / microsecond immunity
- Highest thermal efficiency -- less than 1.2 watts per amp switched, per leg
- CE, UL recognized, CSA
- Industry standard A1, A2, L1, T1, L2, T2, L3, T3 terminal numbers
- High density design permits more amps per square inch
- 3Ø = 25 amps per leg, 2Ø using L1/T1 and L3/T3 = 35 amps per leg.
- Optional: 3 internal MOVs for a fourth layer of surge survival



Derating Curve



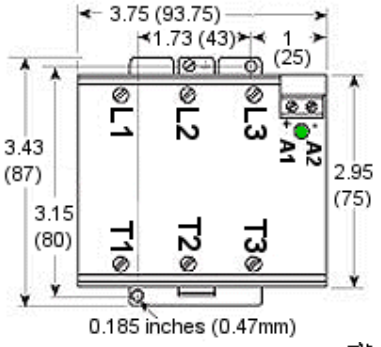
Part Numbers

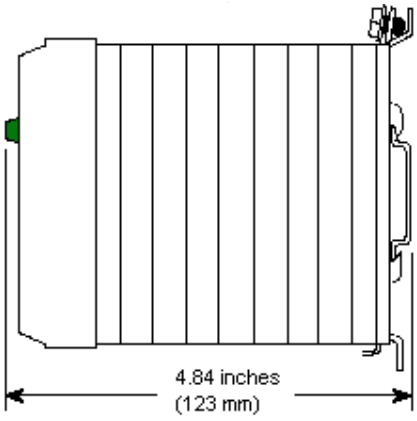
DDA3-6V75T-H up to 75 amps TOTAL; 25A on three legs or 35A on 2 legs; 660V max, 10-60 VDC activated

DDA3-5V75T-H up to 75 amps TOTAL; 25A on three legs or 35A on 2 legs; 570V max, three internal MOVs, 10-60 VDC activated

DAA3-6V75T-H up to 75 amps TOTAL; 25A on three legs or 35A on 2 legs; 660V max, 100-280 VAC activated

DAA3-5V75T-H up to 75 amps TOTAL; 25A on three legs or 35A on 2 legs; 570V max, three internal MOVs, 100-280 VAC activated





Specifications

Part Number	Line Voltage Range (VAC)	Load Current Range (A RMS)	Min Control Voltage & Current Draw	Max Control Voltage & Current Draw	Must Release Voltage

DC activated					
DDA3-6V75T-H	24-660	.10-25 (3 leg) or 35 (2 leg)	10VDC/3.5mA	60VDC/6mA	1 VDC
DDA3-5V75T-H	24-660	.10-25 (3 leg) or 35 (2 leg)	10VDC/3.5mA	60VDC/6mA	1 VDC
AC activated*					
DAA3-6V75T-H	24-660	.10-25 (3 leg) or 35 (2 leg)	100VAC/25mA	280VAC/25mA	20VDC/2MA
DAA3-5V75T-H	24-660	.10-25 (3 leg) or 35 (2 leg)	100VAC/25mA	280VAC/25mA	20VDC/2MA
* Typically, does NOT need a burden resistor when activated by a triac output controller.					

Internal MOVs	The 5V models use three internal MOVs that are similar to the Littelfuse Harris V575 LA80B Metal Oxide Varistors. The use of MOVs is encouraged in situations where there are frequent voltage surges such as near motor starter applications.
Installation	The DDA3 can be installed on a din rail or directly on a metal panel. The heat sink must be installed so the air flows up and through the fins.
Off-State dv/dt	1000 v/µs
Isolation	4000 volts isolation
I^2T fuse	50A or less, for example: Bussman FWP50A14F, FWC32A10F, FWC20A10F. Ferraz Shawmut B093910, M330015, K330013
Turn-on time	<8.3 ms at 60hz
Turn-off time	<8.3 ms at 60hz
Power terminals	Will accept #24-#10 AWG wire. Torque: 7-9 inch lbs.
Control terminals	Will accept #24-#14 AWG wire. Torque: 4 inch lbs.
Terminology	The word "leg" refers to a switched AC power line. A three phase application may use 3 switched lines or 2 switched lines.
Motor starter	When used as a motor starter, use the "5V" feature in order to include the internal MOVs. The Power-io contactor can be typically be used for: <10 FLA amps per phase, 3 HP for most 208/230 volt motors, 7.5 HP for most 460 volt motors.

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

Gold-standard solutions

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We buy equipment

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