



A1000 Drive

3/4 - 1000 HP

The A1000 is a full featured drive, providing outstanding quality, performance, flexibility, and environmental friendliness through 1000HP. Enjoy network communications, feedback, and expandable I/O to control anything from simple fans and pumps to complex machines. For new installations or retrofits, the A1000 provides a single robust solution, regardless of your application.



For more product packages, see A1000 Configured.

Overview

Models & Ratings

200-240V, 3-Phase: Protected Chassis/NEMA 1 | Flange | 1-Phase: Standard

380-480V, 3-Phase: Protected Chassis/NEMA 1 | Flange | 12-Pulse | 1-Phase: Standard/NEMA 1

500-600V, 3-Phase: Protected Chassis/NEMA 1 | Flange | 1-Phase: Standard

200-240V, 3-Phase, Protected Chassis/NEMA 1

| Drive Model Number Standard | Normal Duty (ND) ¹ | | Heavy Duty (HD) ¹ | | Standard Enclosure |
|--------------------------------|--------------------------------|----------------------------|--------------------------------|----------------------------|-----------------------|
| | Rated Output Current (Amps) | Nominal HP ² | Rated Output Current (Amps) | Nominal HP ² | |
| CIMR-AU2A0004FAA | 3.5 | 3/4 | 3.2 | 3/4 | NEMA 1 |
| CIMR-AU2A0006FAA | 6 | 1 | 5 | 1 | |
| CIMR-AU2A0008FAA | 8 | 2 | 6.9 | 2 | |
| CIMR-AU2A0010FAA | 9.6 | 2 | 8 | 2 | NEMA 1 |
| CIMR-AU2A0012FAA | 12 | 3 | 11 | 3 | |
| CIMR-AU2A0018FAA | 17.5 | 5 | 14 | 3 | |
| CIMR-AU2A0021FAA | 21 | 7.5 | 17.5 | 5 | NEMA 1 |
| CIMR-AU2A0030FAA | 30 | 10 | 25 | 7.5 | |
| CIMR-AU2A0040FAA | 40 | 15 | 33 | 10 | |
| CIMR-AU2A0056FAA | 56 | 20 | 47 | 15 | NEMA 1 |
| CIMR-AU2A0069FAA | 69 | 25 | 60 | 20 | |
| CIMR-AU2A0081FAA | 81 | 30 | 75 | 25 | |
| CIMR-AU2A0110FAA | 110 | 40 | 85 | 30 | NEMA 1 |
| CIMR-AU2A0138FAA | 138 | 50 | 115 | 40 | |

| Drive Model Number ^{1, 2, 3} | Drive Model Number (NEMA 1 Compatible) | Single Phase Input - Sizing Method A ^(A) (continuous full power) | | | | Single Phase Input - Sizing Method B ^(B) (86% max power of connected motor size) | |
|---------------------------------------|--|--|-----------------|-------------------------|-----------------|--|-----------------|
| | | Without Additional Reactor | | With Additional Reactor | | Motor Amps | Motor Size (HP) |
| | | Motor Amps | Motor Size (HP) | Motor Amps | Motor Size (HP) | | |
| CIMR-AU4A0002FAA | | 0.8 | 1/3 | 1.1 | 1/2 | 0.8 | 1/3 |
| CIMR-AU4A0004FAA | | 1.6 | 3/4 | 2.1 | 1 | 2.1 | 1 |
| CIMR-AU4A0005FAA | | 2.1 | 1 | 3.0 | 1.5 | 3.0 | 1.5 |
| CIMR-AU4A0007FAA | | 3.0 | 1.5 | 3.4 | 2 | 3.4 | 2 |
| CIMR-AU4A0009FAA | | 3.4 | 2 | 4.8 | 3 | 4.8 | 3 |
| CIMR-AU4A0011FAA | | 3.4 | 2 | 4.8 | 3 | 4.8 | 3 |
| CIMR-AU4A0018FAA | | 4.8 | 3 | 4.8 | 3 | 7.6 | 5 |
| CIMR-AU4A0023FAA | | 4.8 | 3 | 7.6 | 5 | 7.6 | 5 |
| CIMR-AU4A0031FAA | | 11 | 7.5 | 11 | 7.5 | 14.0 | 10 |
| CIMR-AU4A0038FAA | | 11 | 7.5 | 14 | 10 | 14.0 | 10 |
| CIMR-AU4A0044FAA | | 14 | 10 | 14 | 10 | 21.0 | 15 |
| CIMR-AU4A0058FAA | | 21 | 15 | 21 | 15 | 27.0 | 20 |
| CIMR-AU4A0072FAA | | 27 | 20 | 27 | 20 | 34.0 | 25 |
| CIMR-AU4A0088FAA | | 27 | 20 | 27 | 20 | 34.0 | 25 |
| CIMR-AU4A0103FAA | | 27 | 20 | 27 | 20 | 34.0 | 25 |
| CIMR-AU4A0139FAA | | 52 | 40 | 52 | 40 | 65.0 | 50 |
| CIMR-AU4A0165FAA | | 52 | 40 | 52 | 40 | 65.0 | 50 |