



P1000 Drive

3/4 - 1000 HP

The P1000 drive provides simple, reliable, cost-effective control for variable-torque loads through 1000 HP. Specific application features, energy savings, and network connectivity make the P1000 a great choice for industrial fans and pumps.

For more product packages, see P1000 Configured or P1000 Bypass.



Overview

Models & Ratings

200-240V: 3-Phase Standard | 1-Phase | 3-Phase Flange

300-480V: 3-Phase Standard | 1-Phase | 3-Phase Flange | 3-Phase Flange 12-Pulse

500-600V: 3-Phase Standard | 1-Phase | 3-Phase Flange

200-240V, 3-Phase, Standard

Drive Model Number	Rated Output Current (Amps)	Nominal HP ³	Standard Enclosure ^{1, 2}
CIMR-PU2A0004FAA	3.5	3/4	NEMA 1
CIMR-PU2A0006FAA	6	1	
CIMR-PU2A0008FAA	8	2	
CIMR-PU2A0010FAA	9.6	2	NEMA 1
CIMR-PU2A0012FAA	12	3	
CIMR-PU2A0018FAA	17.5	5	
CIMR-PU2A0021FAA	21	7.5	NEMA 1
CIMR-PU2A0030FAA	30	10	
CIMR-PU2A0040FAA	40	15	
CIMR-PU2A0056FAA	56	20	NEMA 1
CIMR-PU2A0069FAA	69	25	
CIMR-PU2A0081FAA	81	30	
CIMR-PU2A0110FAA	110	40	NEMA 1
CIMR-PU2A0138FAA	138	50	
CIMR-PU2A0169FAA	169	60	NEMA 1
CIMR-PU2A0211FAA	211	75	
CIMR-PU2A0250AAA	250	100	Protected Chassis
CIMR-PU2A0312AAA	312	125	

380-480V, 3-Phase, Standard

Drive Model Number	Rated Output Current (Amps)	Nominal HP ³	Standard Enclosure ^{1, 2}
CIMR-PU4A0002FAA	2.1	1	NEMA 1
CIMR-PU4A0004FAA	4.1	2	
CIMR-PU4A0005FAA	5.4	3	
CIMR-PU4A0007FAA	6.9	4	NEMA 1
CIMR-PU4A0009FAA	8.8	5	
CIMR-PU4A0011FAA	11.1	7.5	
CIMR-PU4A0018FAA	17.5	10	NEMA 1
CIMR-PU4A0023FAA	23	15	
CIMR-PU4A0031FAA	31	20	
CIMR-PU4A0038FAA	38	25	NEMA 1
CIMR-PU4A0044FAA	44	30	
CIMR-PU4A0058FAA	58	40	
CIMR-PU4A0072FAA	72	50	NEMA 1
CIMR-PU4A0088FAA	88	60	
CIMR-PU4A0103FAA	103	75	
CIMR-PU4A0139FAA	139	100	NEMA 1
CIMR-PU4A0165FAA	165	125	
CIMR-PU4A0208AAA	208	150	
CIMR-PU4A0250AAA	250	200	Protected Chassis
CIMR-PU4A0296AAA	296	250	
CIMR-PU4A0362AAA	362	300	
CIMR-PU4A0414AAA	414	350	Protected Chassis
CIMR-PU4A0515AAA	515	400	
CIMR-PU4A0675AAA	675	500	
CIMR-PU4A0930AAA	930	700-800	Protected Chassis
CIMR-PU4A1200AAA	1200	900-1000	

Standard Enclosure can be conventionally mounted, or heatsink external (kit required for models CIMR-PU4A044FAA and smaller).

Only models ending in FAA (CIMR-PU4A0165FAA and smaller) come standard with NEMA 1 End Cap Kits. Separately sold kits are available for larger models.

Horsepower rating is based on standard NEMA B 4-pole motor design as represented in NEC table 430.150 Full-Load Current, Three-Phase Alternating Current Motors. Also, listed power ratings assumes three-phase input. For single-phase input applications, consult Manual Supplement TOEPYEASUP03 for proper sizing.

Models CIMR-PU4A0930AAA and CIMR-PU4A1200AAA must be used with semiconductor input fuses and must be fed by a power source that has ground fault protection. A supplementary ground fault protection device can be added between the drive and the power source to address this requirement.