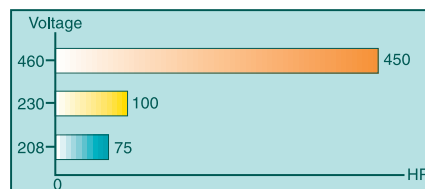


GP5

General Purpose AC Drive

- “Heavy Duty” Rated (150% OL / 1 Minute)
- V/Hz with Auto Torque Boost
- English Keypad
- Saflink Compatible
- DC Link Choke or 12-Pulse Ready*
- Triple Marked (UL, cUL, CE)
- 2 Second Control Power Ride-Thru
- Serial Communication (RS232 Modbus, others optional)
- Built-In DB Transistors*
- 0-10 Vdc or 4-20 mA Reference Inputs
- Programmable I/O
- Overtorque Detection
- Elapsed Time Meter
- PID Control
- Optional 2 Channel 10 Bit Analog Output (3 channels total)



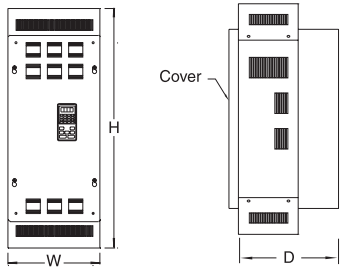
*Rating Dependent



GP5: The Choice for General Purpose Applications

RATINGS / DIMENSIONS

VOLT	HP	AMPS	MODEL GP5-	PART NUMBER	STYLE	DIMENSIONS (in inches)			WEIGHT (lbs)	VOLT	HP	AMPS	MODEL GP5-	PART NUMBER	STYLE	DIMENSIONS (in inches)			WEIGHT (lbs)						
						W	H	D								W	H	D							
230 V	0.75	3.2	20P4	E7001-01G	NEMA 1	5.5	11	6.3	6.5	460 V	0.75	1.9	40P4	E7001-22G	NEMA 1	5.6	11	6.3	6.5						
	1 / 1.5	6	20P7	E7001-02G							1 / 2	3.6	40P7	E7001-23G											
	2	8	21P5	E7001-03G							3	5.1	41P5	E7001-24G											
	3	11	22P2	E7001-04G		5.5	11	7.1	10		3	6.6	42P2	E7001-51G		5.6	11	7.1	10						
	5	17.5	23P7	E7001-05G		7.9	11.8	8.1	12		5	8.5	43P7	E7001-26G		7.5	11.7	44P0	E7001-25G	7.9	11.8	8.1	13		
	7.5	25	25P5	E7001-06G		9.9	15	8.9	24		10	14.8	45P5	E7001-27G		15	21	47P5	E7001-28G	9.8	15	8.9	24		
	10	33	27P5	E7001-07G		13	26.6	11.2	71		15	21	47P5	E7001-28G		20	28.6	4011	E7001-29G	13	24	11.2	68		
	15	49	2011	E7001-08G		13	26.6	11.2	71		25	34	4015	E7001-30G		30	42	4022	E7001-32G	13	24	11.2	68		
	20	64	2015	E7001-09G		16.9	38.8	13.8	148		30	42	4022	E7001-32G		40	52	4030	E7001-33G	13	30.9	11.2	106		
	25 / 30	83	2022	E7001-11G		16.7	38.8	13.8	134		40	52	4030	E7001-33G		50	64	4037	E7001-34G	13	30.9	11.2	106		
	40	104	2030	E7001-12G E7001-13G		NEMA 1 CHASSIS	16.9	38.8	13.8		150	50	64	4037		E7001-34G	60	77	4045	E7001-35G	13	33.5	11.2	106	
	50	128	2037	E7001-14G E7001-15G		NEMA 1 CHASSIS	16.7	26.6	13.8		137	60	77	4045		E7001-35G	75	102	4055	E7001-37G E7001-38G	NEMA 1 CHASSIS	18.1	44.5	13.8	187
	60	154	2045	E7001-16G E7001-17G		NEMA 1 CHASSIS	16.9	38.8	13.8		150	75	102	4055		E7001-37G E7001-38G	NEMA 1 CHASSIS	17.9	32.3	13.8	174				
	75	198	2055	E7001-18G E7001-19G		NEMA 1 CHASSIS	18.9	43.7	13.8		192	100	144	4075		E7001-39G E7001-40G	NEMA 1 CHASSIS	18.1	44.5	13.8	190				
	100	250	2075	E7001-20G E7001-21G		NEMA 1 CHASSIS	22.8	50.8	15.8		320	125 / 150	182	4110		E7001-41G E7001-42G	NEMA 1 CHASSIS	17.9	32.3	13.8	176				
							22.6	36.4	15.8		298	200	242	4160		E7001-43G E7001-44G	NEMA 1 CHASSIS	22.8	50.8	15.8	342				
					18.7	31.5	13.8	176	250	304	4185	E7001-46G	CHASSIS	22.6	36.4	15.8	320								
					37.4	57.1	17.1	794	300	404	4220	E7001-48G	CHASSIS	37.4	57.1	17.1	794								
					37.8	63	17.9	926	400 / 450	540	4300	E7001-50G	CHASSIS	37.8	63	17.9	926								



Specifications subject to change without notice.

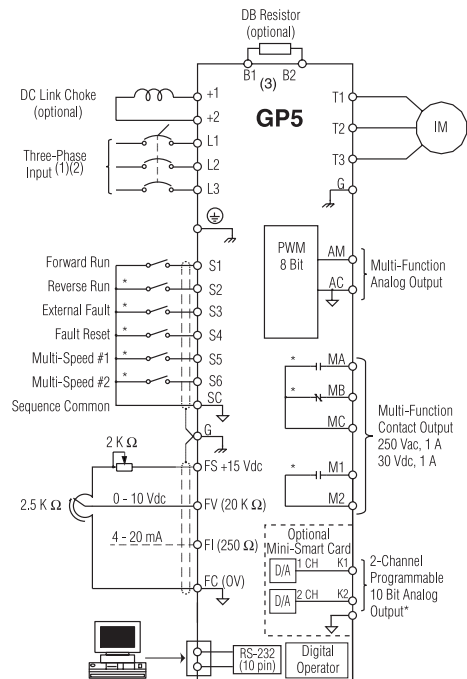
SPECIFICATIONS

ITEM	RATINGS
Rated Output Frequency	0.1 to 400 Hz
Overload Capacity	150% rated output current for 1 minute
Voltage Fluctuation	+ 10% , - 15%
Frequency Fluctuation	±5%
Control Method	Sine wave PWM with full-range, automatic torque boost
Frequency Control Range	0.1 to 400 Hz
Frequency Accuracy	Digital command: 0.01%, Analog command: 0.1%
Frequency Setting	0 to + 10 Vdc (20 kΩ), 4 - 20 mA (250 Ω)
Accel/Decel Time	0.1 to 3600.0 second (Accel/Decel time setting independently: 0.1 sec.)
Braking Torque	Approximately 20% standard (100% optional)
Number of V/f Patterns	15 preset V/f patterns and 1 custom
Fuse Protection	Motor coasts to a stop at blown fuse
Overload	Motor coasts to a stop after 1 minute at 150% of rated output current
Ground Fault	Provided by electronic circuit
Power Charge Indication	Charge LED stays on until voltage drops below 50 Vdc
Input Phase Loss	Single-phase protection (can be disabled)
Location	Indoor (protected from corrosive gases and dust)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Operating Temperature	+14 to 104°F (-10 to 40°C) for NEMA 1 not frozen, +14 to 113°F (-10 to 45°C) for open chassis

When you think of an inverter for General Purpose (GP) applications you should first think of the GP5. The reliable power section of the GP5 has been combined with a new control card to comply with the worldwide standards of UL, cUL and CE. We now include an English language keypad to make programming and setup easier than ever. The PID loop has been improved with the addition of a "sleep" function to add even more capability.

We have expanded the role of the GP5 through the development of more proprietary Safronics serial communication options. This connectivity promotes the use of GP5 today and tomorrow. Of course, we will continue to support the GP5 product with our unique Saflink, Rapidpak and our friendly 24/7 technical support. Now, more than ever, the GP5 is the product for all your general purpose VFD applications.

TERMINAL LAYOUT



- *Programmable Input/Output Functions. Factory settings shown.
 (1) 12 Pulse input and input link reactor are standard on models 2022-2075 and 4022-4160 (30 HP - 200 HP) and optional link reactor on 20P4-2015 and 40P4-4015 (0.75 - 25 HP)
 (2) 12 Pulse input is not available on models with built-in dynamic braking transistors.
 (3) Internal dynamic braking electronics on some models only.