

MODIFIED STANDARD V*S DRIVES

GV6000 Drives: 480 VAC⁽³⁾

- Standard LCD OIM included on power modules
- Encoder feedback

Refer to the Standard Motors and Drives Catalog for Standard features and Standard options.



480 VAC Base Drive Model Number ⁽⁴⁾	6V41-3P4TA	6V41-5P0TA	6V41-8P0TA	6V41-011TA	6V41-014TA	6V41-022TA	6V41-027TA	6V41-034TA	6V41-040TA	6V41-052TA	6V41-065TA
HP Rating (110% Overload)	2	3	5	7.5	10	15	20	25	30	40	50
HP Rating (150% Overload)	1.5	2	3	5	7.5	10	15	20	25	30	40
FLA @ 4 kHz	3.4	5.0	8.0	11.0	14.0	22.0	27.0	34.0	40.0	52.0	65.0
Base Drive List	\$1,711	\$1,711	\$1,877	\$2,205	\$2,449	\$3,000	\$3,536	\$4,290	\$5,221	\$6,209	\$7,753
Enclosure Options											
NEMA 1 Cabinet	3,350	3,350	3,350	3,650	3,650	3,650	3,650	3,650	3,950	3,950	3,950
NEMA 4/12 Cabinet	3,500	3,500	3,500	3,800	3,800	7,800 ⁽²⁾	7,800 ⁽²⁾	7,800 ⁽²⁾	7,800 ⁽²⁾	8,200 ⁽²⁾	8,600 ⁽²⁾
Input Protection & Disconnect Options											
Input Fuses Only	158	158	158	158	158	178	178	245	317	317	611
Fused Disconnect Switch & Door Handle	403	403	403	403	403	438	438	505	757	757	1,208
Circuit Breaker Only	752	752	752	752	752	865	865	865	865	865	911
Circuit Breaker Disconnect & Door Handle	1,018	1,018	1,018	1,018	1,018	1,131	1,131	1,131	1,131	1,131	1,177
Door Mounted Operator Devices											
Door Mounted OIM	600	600	600	600	600	600	600	600	600	600	600
Maintained Start/Stop Switch	106	106	106	106	106	106	106	106	106	106	106
Momentary Start/Stop Pushbuttons	172	172	172	172	172	172	172	172	172	172	172
E-Stop Pushbutton (Mushroom Head)	120	120	120	120	120	120	120	120	120	120	120
Jog Pushbutton	86	86	86	86	86	86	86	86	86	86	86
2 or 3 Position Selection Switch	120	120	120	120	120	120	120	120	120	120	120
Pilot Light ⁽¹⁾	86	86	86	86	86	86	86	86	86	86	86
Contactors, Overloads, Starters, Control Transformers & Line Reactors											
Input Contactor ⁽¹⁾	342	342	342	467	467	467	467	467	467	467	467
Output Contactor ⁽¹⁾	342	342	342	467	467	467	467	467	467	467	467
Drive Bypass Control ⁽¹⁾	932	932	932	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,286
Motor Overload Relay	181	181	181	181	181	181	181	181	181	181	376
Blower Motor Starter ⁽¹⁾	408	408	408	408	408	408	408	408	408	408	408
Control Transformer: 460:120 VAC, 250VA	375	375	375	375	375	375	375	375	375	375	375
3% Impedance Input Line Reactor	291	323	323	384	384	461	461	496	511	640	774
Dynamic Braking - Transistor + Resistor											
6-10% Duty Braking	256	256	256	256	256	256	256	256	CF	CF	CF
20% Duty	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF

(1) Requires Control Transformer option

(2) Usually includes a cooling device and control transformer

(3) Contact Factory for 230 VAC Drives

(4) For 115 VAC I/O, change the last alpha digit of the model number from A to B. A = 24 VDC I/O and B = 115 VAC I/O

CF = Contact Factory

Photo shown with optional OIM installed.

DISCOUNT: MS-1AC

GV6000 AC Drives

MODIFIED STANDARD V*S DRIVES

GV6000 Drives: 480 VAC

480 VAC Base Drive Model Number ⁽⁴⁾	6V41-0777A	6V41-096NA	6V41-125NA	6V41-156NA	6V41-180NA	6V41-248NA
HP Rating (110% Overload)	60	75	100	125	150	200
HP Rating (150% Overload)	50	60	75	100	125	150
FLA @ 4 kHz	77	96	125	156	180	248
Base Drive List	\$8,923	\$9,511	\$11,492	\$12,766	\$14,087	\$19,193
Enclosure Options						
NEMA 1 Cabinet	3,950	5,525	6,050 ⁽²⁾	6,050 ⁽²⁾	6,050 ⁽²⁾	6,050 ⁽²⁾
NEMA 1A - Force Vent w/ Fan & Filter ⁽³⁾	692	692	Std.	Std.	Std.	Std.
NEMA 4/12 Cabinet ⁽²⁾	9,500	14,475	14,475	14,475	14,475	CF
Input Protection & Disconnect Options						
Input Fuses Only	611	611	1,054	1,102	1,102	1,274
Fused Disconnect Switch & Door Handle	1,208	1,208	2,114	2,162	2,162	2,334
Circuit Breaker Only	911	911	1,074	1,074	1,363	1,363
Circuit Breaker Disconnect & Door Handle	1,177	1,177	1,426	1,426	1,715	1,715
Door Mounted Operator Devices						
Door Mounted OIM	600	600	600	600	600	600
Maintained Start/Stop Switch	106	106	106	106	106	106
Momentary Start/Stop Pushbuttons	172	172	172	172	172	172
E-Stop Pushbutton (Mushroom Head)	120	120	120	120	120	120
2 or 3 Position Selection Switch	120	120	120	120	120	120
Pilot Light ⁽¹⁾	86	86	86	86	86	86
Contactors, Overloads, Starters, Control Transformers & Line Reactors						
Input Contactor ⁽¹⁾	1,260	1,260	1,260	1,951	1,951	1,951
Output Contactor ⁽¹⁾	1,260	1,260	1,260	1,951	1,951	1,951
Drive Bypass Control ⁽¹⁾	3,220	3,220	3,220	4,080	4,080	4,080
Motor Overload Relay	376	376	376	430	430	430
Blower Motor Starter ⁽¹⁾	408	408	408	408	408	408
Control Transformer: 460:120 VAC, 250VA	375	375	375	375	375	375
3% Impedance Input Line Reactor	900	1114	1292	1480	2,101	2,745
Dynamic Braking - Transistor + Resistor (requires substituting TA or TB model)						
10% Duty Braking	Contact Factory					
>10% Duty Braking	Contact Factory					

(1) Requires Control Transformer option

(2) Usually includes a cooling device and control transformer

(3) Add to NEMA 1 Option

(4) For 115 VAC I/O, change the last alpha digit of the model number from A to B. A = 24 VDC I/O and B = 115 VAC I/O

CF = Contact Factory

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