

Product Details and Certifications

Cross Reference RA Part Number: PN-214855

 **Product: 20G1ANE077AN0NNNN**

Description: PowerFlex 755 AC Drive, with Embedded Ethernet/IP, Air Cooled, AC Input with Precharge, no DC Terminals, Open Type, 77 Amps, 75HP ND, 60 HP HD, 600V AC, 3 PH, Frame 6, Filtered, CM Jumper Removed, None, Blank (No HIM)



Representative Photo Only (actual product may vary based on configuration sections)

BASE DRIVE INFORMATION

Bulletin Number	PowerFlex 755 AC Drive, with Embedded Ethernet/IP
Input Voltage	600 VAC
Phases	3 Phases
Output Current	77 Amps
Normal Duty HP	75 HP
Heavy Duty HP	60 HP
Input Type	AC Input with Precharge, No DC Terminals
Frame Size	Frame 6
Filtering & CM Cap Config	Filtered, CM Jumper Removed
Dynamic Braking	None
HIM	Blank (No HIM)

f3		ND Rating		600V, 60 Hz Input		Frame					
Code	Amps	Hp	Enclosure Code						R		
			B, J, L, T	F	G	N	K, P, W, Y				
1P7	1.7	1									
2P7	2.7	2									
3P9	3.9	3									
6P1	6.1	5									
9P0	9	7.5									
011	11	10									
012	12	10									
017	17	15									
018	18	15									
022	22	20									
023	23	20									
024	24	20									
027	27	25									
028	28	25									
032	32	30									
033	33	30									
041	41	40									
042	42	40									
052	52	50									
053	53	50									
063	63	60									
077	77	75									
099	99	100									
125	125	125									
144	144	150									
192	192	200									
242	242	250									
289	289	300									
295	295	300									
355	355	350									
395	395	400									
435	435	450									
460	460	500									
510	510	500									
595	595	600									
630	630	700									
760	760	800									
825	825	900									
900	900	950									
980	980	1000									
1K1	1110	1100									
1K4	1430	1400									

f4		ND Rating		690V, 50 Hz Input (not UL listed)		Frame					
Code	Amps	kW	Enclosure Code						R		
			B, J, L, T	F	G	N	K, P, W, Y				
012	12	7.5									
015	15	11									
020	20	15									
023	23	18.5									
030	30	22									
034	34	30									
046	46	37									
050	50	45									
061	61	55									
082	82	75									
098	98	90									
119	119	110									
142	142	132									
171	171	160									
212	212	200									
263	263	250									
265	265	250									
330	330	315									
370	370	355									
415	415	400									
460	460	450									
500	500	500									
590	590	560									
650	650	630									
710	710	710									
765	765	750									
795	795	800									
960	960	900									
1K0	1040	1000									
1K4	1400	1400									

△ Available as a drive with options (21G).

g		
Filtering and CM Cap Configuration ♦		
Code	Filtering	Default CM Cap Connection
A	Yes	Jumper Removed
J	Yes	Jumper Installed

♦ 480V drives must select code "A." Jumpers are included for field reconfiguration as desired.

h		
Dynamic Braking &		
Code	Internal Resistor ▲	Internal Transistor ▽
A	No	Yes
N	No	No

▲ Frames 1...2 only.
 ▽ Standard on Frames 1...5, optional on 6...7.
 & Not available on Frames 8...10, specify Code "N."

i	
Door Mounted HIM (Frames 8...10)	
Code	Operator Interface
0	No Door Mounted HIM
2	Enhanced LCD, Full Numeric, IP20
4	Enhanced LCD, Full Numeric, IP66 NEMA Type 4X/12

PowerFlex 755 w/Options (21G) - Required Selections

Code	Option	Frames	Type
LD	Light Duty	8...10	System Overload Duty Cycle *
ND	Normal Duty		
HD	Heavy Duty		
P3	Input Thermal Magnetic Circuit Breaker	8...10	Power Disconnect *
P5	Input Non-Fused Molded Case Disconnect Switch	8 Only	
P14	Wiring Only Bay	8...10	Wiring Only Bay

* Only one option of this type may be selected.

PowerFlex 755 w/Options (21G) - Additional Selections

Code	Option	Frames	Type
P11	Input Contactor	8 Only	Contactors * §
P12	Output Contactor		
L1	3% Input Reactor	8...9	Reactors *
L2	3% Output Reactor		
L3	5% Input Reactor		
L4	5% Output Reactor		
P20	1200 Amp Bus	8...10	MCC Power Bus Capacity *
P22	2000 Amp Bus		
P24	3000 Amp Bus		
P30	UPS Control Bus, DC Input w/Precharge only	8...10	UPS Control Bus
X1	Auxiliary Transformer (500VA available), IP20 Cabinet Only	8 Only	Auxiliary Power

* Only one option of this type may be selected.
 § Contactor options are not available for systems with MCC power bus.

△ Available as a drive with options (21G).