

PowerFlex 6000 Medium Voltage Variable Frequency Drives (IEC Rated)

¹ **6000** ² **A** ³ **180** ⁴ **M** ⁵ **R** ⁶ **AL** ⁷ **5** ⁸ **R** ⁹ **HE** ¹⁰ **1...etc.**
a *b* *c* *d* *e* *f* *g* *h* *i* *j*

a

Bulletin Number	
Code	Description
6000	PowerFlex 6000 (IEC Rated)

b

Service Duty/Altitude Code	
Code	Description
A	Normal Duty, 0...1000 m Altitude. Maximum 40 °C Ambient
J	Normal Duty, 0...1000 m Altitude. Maximum 50 °C Ambient (Contact Factory) Reduced Drive Current Rating 2.5% per degree above 40 °C
T	Normal Duty, 1001...3000 m Altitude (Contact Factory) Reduced Drive Current Rating 1001...2000 m = 10% 2001...3000 m = 20%

c

Drive Current Rating			
Code	Description	Code	Description
15	15 Amp	45	45 Amp
16	16 Amp	48	48 Amp
18	18 Amp	50	50 Amp
20	20 Amp	54	54 Amp
24	24 Amp	56	56 Amp
25	25 Amp	60	60 Amp
26	26 Amp	63	63 Amp
28	28 Amp	66	66 Amp
30	30 Amp	71	71 Amp
32	32 Amp	75	75 Amp
33	33 Amp	80	80 Amp
36	36 Amp	84	84 Amp
40	40 Amp	90	90 Amp
41	41 Amp	96	96 Amp

c (cont'd)

Drive Current Rating			
Code	Description	Code	Description
100	100 Amp	192	192 Amp
108	108 Amp	200	200 Amp
112	112 Amp	225	225 Amp
120	120 Amp	250	250 Amp
125	125 Amp	280	280 Amp
138	138 Amp	300	300 Amp
140	140 Amp	315	315 Amp
150	150 Amp	350	350 Amp
160	160 Amp	380	380 Amp
168	168 Amp	420	420 Amp
180	180 Amp		

d

Enclosure Type	
Code	Description
M	IP31

e

Nominal Line Voltage ⁽¹⁾	
Code	Description
B	3000V
C	3300V
E	4160V
F	6000V
J	6600V
R	10,000V

(1) Other Nominal Line Voltage Configurations can be supplied up to 13.8 kV (Contact Factory).

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f

Control Voltage	
Code	Description
AG	110V
AJ	120V
AL	220V
AP	240V

g

Line Frequency	
Code	Description
5	50 Hz
6	60 Hz

h

Motor Voltage	
Code	Description
B	3000V
C	3300V
E	4160V
F	6000V
J	6600V
R	10,000V

i

Transformer Efficiency	
Code	Description
HE	High Efficiency
SE	Standard Efficiency

j

Options
Refer to PowerFlex 6000 Medium Voltage Drives Options List.

www.rockwellautomation.com

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