



CT3000 Series PRO / FP

High Performance AC Drives



POWER RATINGS

3 x 380-480 V 0.75 - 800kw

Versatile & Multifunctional

NWT-FP
Dual CPU

Promoted V/Hz

SVC

ModBus

Detachable Control Panel

Multi-step Freq.

PID

S-curve

Simple PLC

2 Motor Switchover

Skip Frequency

V/Hz Separated Control

Common DC Bus

Mechanical Brake

NWT-FP
Restart Upon Power Loss

Cycle-By-Cycle Current Limit

Motor Thermal Protection

Stall Protections

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Start Torque@0.5HZ

150%

Overload Capability

200%

Ambient Temp °C

50

Speed Regulation

1:200

Ingress Protection

IP20~IP40

Speed accuracy ±

0.2%



TERMINAL

Analog Input ×2

Analog Output ×2

Relay Output ×2

Digital Input ×6~8

Digital Output ×1

Communication Port ×1

MODEL

CT3000 4T - 30 G / 37 P

Code	Series
D12	D12 Mini AC Drive
D31	D31 High Performance AC Drive
D32	D32 Narrow body AC Drive

Code	Voltage Class
T3	Three Phase 380V
S2	Single Phase 220V

Code	Rate Power
0R7	0.75KW
1R5	1.5KW
2R2	2.2KW
3	3KW
4	4KW
700	700KW
800	800KW

Code	Load Type
G	Heavy Load
P	Light Load

MODEL

Model	H Heavy load L Light load	Power Rating (kW)	Rated Output Current (Amps)	Rated Input Current (Amps) ¹⁴	Applicable Motor (kW)
CT3000-4T-0.75	H	0.75	2.6	3.6	0.75
	L	1.5	4.1	6.4	1.5
CT3000-4T-1.5	H	1.5	4.1	6.4	1.5
	L	2.2	5.5	8.7	2.2
CT3000-4T-2.2	H	2.2	5.5	8.7	2.2
	L	3	6.9	10.9	3
CT3000-4T-3	H	3	6.9	10.9	3
	L	4	9.5	14	4
CT3000-4T-4	H	4	9.5	14	4
	L	5.5	12.6	20.7	5.5
CT3000-4T-5.5	H	5.5	12.6	20.7	5.5
	L	7.5	18.5	26.5	7.5
CT3000-4T-7.5	H	7.5	18.5	26.5	7.5
	L	11	25	36.6	11
CT3000-4T-11	H	11	25	36.6	11
	L	15	32	40	15
CT3000-4T-15	H	15	32	40	15
	L	18.5	38	47	18.5
CT3000-4T-18.5	H	18.5	38	47	18.5
	L	22	45	56	22
CT3000-4T-22	H	22	45	56	22
	L	30	60	70	30
CT3000-4T-30	H	30	60	70	30
	L	37	75	80	37
CT3000-4T-37	H	37	75	80	37
	L	45	92	94	45
CT3000-4T-45	H	45	92	94	45
	L	55	115	128	55
CT3000-4T-55	H	55	115	128	55
	L	75	150	160	75

Model	H Heavy load L Light load	Power Rating (kW)	Rated Output Current (Amps)	Rated Input Current (Amps) ¹⁴	Applicable Motor (kW)
CT3000-4T-75	H	75	150	160	75
	L	90	180	190	90
CT3000-4T-90	H	90	180	190	90
	L	110	215	225	110
CT3000-4T-110	H	110	215	225	110
	L	132	260	265	132
CT3000-4T-132	H	132	260	265	132
	L	160	305	310	160
CT3000-4T-160	H	160	305	310	160
	L	185	350	355	185
CT3000-4T-185	H	185	350	355	185
	L	200	380	385	200
CT3000-4T-200	H	200	380	385	200
	L	220	425	430	220
CT3000-4T-220	H	220	425	430	220
	L	250	480	485	250
CT3000-4T-250	H	250	480	485	250
	L	280	530	545	280
CT3000-4T-280	H	280	530	545	280
	L	315	600	610	315
CT3000-4T-315	H	315	600	610	315
	L	355	650	665	355
CT3000-4T-335	H	355	650	665	355
CT3000-4T-400	H	400	725	785	400
CT3000-4T-500	H	500	860	890	500
CT3000-4T-560	H	560	950	950	560
CT3000-4T-630	H	630	1100	1100	630
CT3000-4T-710	H	710	1280	1280	710
CT3000-4T-800	H	800	1380	1380	800

DIMENSIONS

Unit, mm

0.75/1.5/2.2/3

H*W*D - 145*107*144

Mounting dimensions 135*95

4/5.5

H*W*D - 200*138*134

Mounting dimensions 188*124

7.5/11

H*W*D - 232*153*164

Mounting dimensions 220*139



15/18/22

H*W*D - 335*200*195

Mounting dimensions 321*140

30/37

H*W*D - 410*260*214

Mounting dimensions 396*180



FP4/FP5

H*W*D - 560*305*300

Mounting dimensions 543*200

75/90/110

H*W*D - 600*310*310

Mounting dimensions 583*240

132/160

H*W*D - 720*355*345

Mounting dimensions 698*240



185/200/220

H*W*D - 920*480*390

Mounting dimensions 898*320

250/280/315

H*W*D - 1100*480*405

Mounting dimensions 1078*320



355/400/500

H*W*D - 1100*650*465

Mounting dimensions 1060*350

560/630

H*W*D - 2200*1100*800

Mounting dimensions 943*665



710/800

H*W*D - 2200*1400*800

Mounting dimensions 1100*665

