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F630

Please refer to the E630 series variable frequency drive (VFD) manual for more detailed information.

HDv E630 - 4T 037 B S - ***
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	Product name			* Power class*			Braking component	
HDv	Hechuan VFD		0.7	750W		(N/A)	Without brake unit	
				1.5kW			With brake unit	
	Product series			2.2kW				
E630	E630	E630 series	3.7	3.7kW			STO STO Function	
				5.5kW			STO	
	~ t seriesI 0			Single phase 7.5kW~240V		(N/A)	Without STO function	
			011	11kW			STO With STO function	
			015	15kW				
			018	18kW			/ Customized	
			022	22kW			software/firmware code	
			037	37kW			0~9/A~Z/ (N/A)	
	Three-phase 380V~480V		400	400kW				

Note: The planning for power greater than 160 kW is in progress.

3.1 General electrical specifications					
Model	(Power capacity)	Input current	(Output current)	Compatible motor	VFD cooling air flow
	kVA	A	A	kW	cfm
Single-Phase power supply 200V AC ~ 240V AC -15% ~ +10% ; 50/60Hz±5% 47Hz~ 63Hz					
HDV-E630-2S0.4*			2.3	0.4	10
HDV-E630-2S0.7*		8.2		0.75	
HDV-E630-2S1.5*	3.7				
HDV-E630-2S2.2*	6	23	9.6		26
HDV-E630-2S4.0*	8.9	14.6	13		
Three-Phase power supply 380V AC ~ 480V AC -15% ~ +10% ; 50/60Hz±5% 47Hz~ 63Hz					
HDv-E630-4T0.7*		3.4		0.75	10
HDv-E630-4T1.5*	3		3.8		
HDv-E630-4T2.2*		5.8			
HDv-E630-4T3.7*	5.9	10.5	9	3.7	26
HDv-E630-4T5.5*	8.9	14.6	13		
HDV-E630-4T7.5*		20.5			
HDv-E630-4T11		26			130
HDv-E630-4T15		35	32		
HDv-E630-4T18		38.5	37	18.5	
HDv-E630-4T22	30	46.5			
HDv-E630-4T30	40	62	60	30	
HDv-E630-4T37		76		37	
HDv-E630-4T45	69	92	91		
HDv-E630-4T55	85	113			
HDv-E630-4T75			150		200
HDv-E630-4T90	134	180	176	90	360
HDv-E630-4T110	160		210	110	
HDv-E630-4T132	192	256	253	132	630
HDV-E630-4T160	231	307	304	160	

*Note: The product is under research and development.

3.2 Environmental requirements				
	Item	Specifications		
		≤1000m	1000~3000m	2%/100m
	Operating environment	Altitude ≤ 1000m (For altitudes ranging from 1000 to 3000 meters, a 2% derating is required for every 100 meters.)		

6.

Indicator and LED panel description

[illegible]

7. Terminal and wiring description

Main circuit interface description		
11~30kW	37~45kW	55~110kW
		

IO IO wiring				
Type	Digital input wiring		High-speed input wiring	
	(Internal power supply wiring)	(External power supply wiring)	(Internal power supply wiring)	(External power supply wiring)
(NPN Input)	短路片或导线			

