



# SANKET ELECTROTECH

## AC Drive, Model : SET500



- It is high performance vector and torque control AC Drive
- Support both IM and PMSM
- Support Closed loop with PG Card
- Special software for Solar application
- Special software for crane and hoist application for brake logic
- Support IO extension board
- support tension control application

## LED Instruction of operation and display









LED keyboard consists of 5 digital tubes, 7 lights, 8 keys and a potentiometer; can be used to set the parameters, status monitoring and operation control, LED keyboard shape as shown in Figure 4-1 :

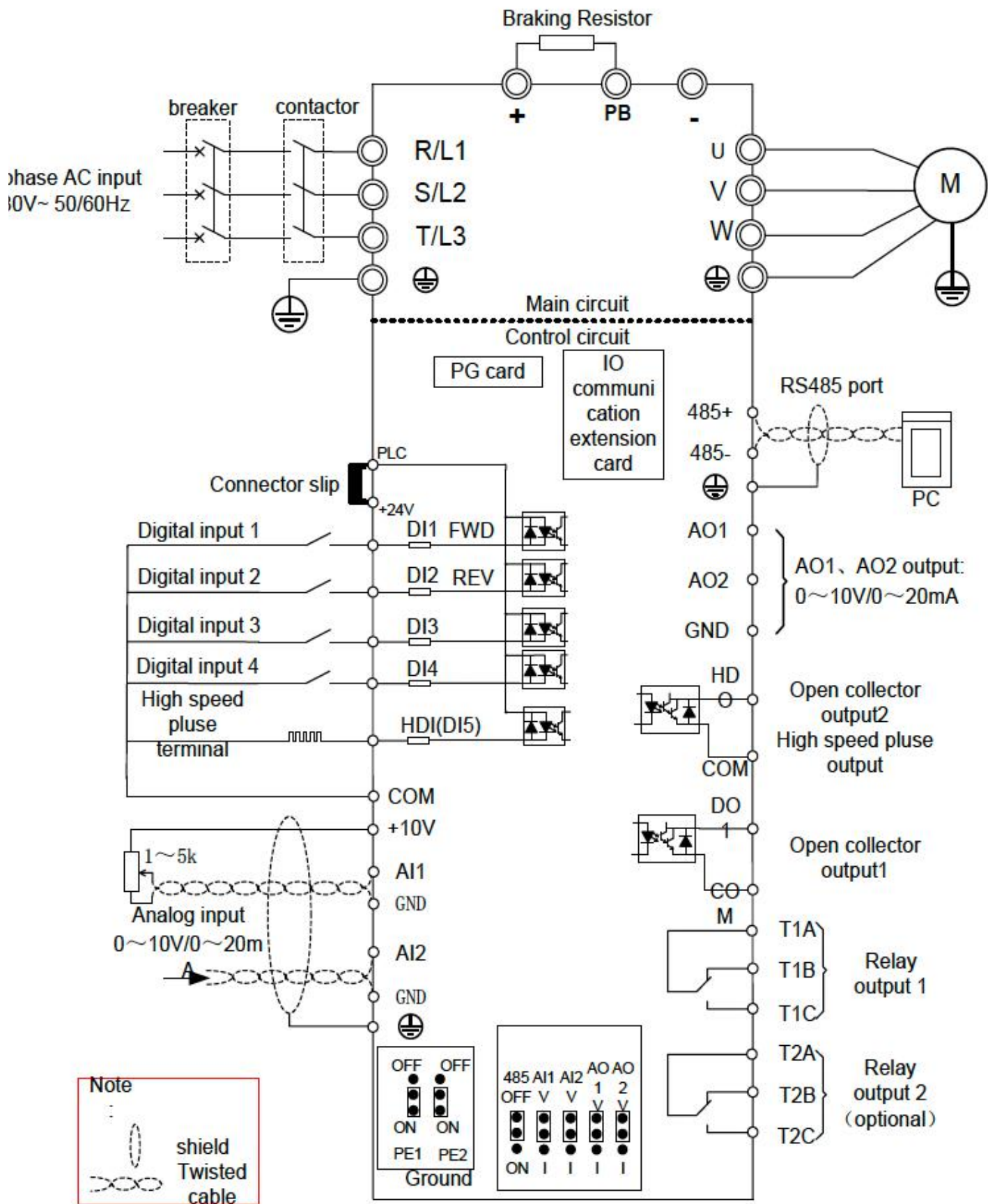


Figure 4-1 Operating panel

### Description of indicator

Table 4-1 The name and function of each part of the keyboard

No.	Part	Name	Function
1		Exit	• exit menu level
2		Confirmation	• Enter the menu interfaces level by level, • confirm the parameter setting and save to EEPROM
3		Increment/Up	• The number indicated by the cursor increases by one. • Next function code. • Used to switch the left and right screens while in monitor mode
4		Decrement/Down	• The number indicated by the cursor minus one. • The previous function code.
5		Multi-function	• Perform function switchover according to the setting of 21.02
6		Shift	• Cursor shift. • Monitor Status Displays the next monitor volume. • Switch left and right screens.
7		Run	Start the frequency inverter in the operation panel control mode
8		Stop/Reset	• During operation, press to stop the operation (restricted by parameter 21.03). • In fault status, press this key to reset the fault.



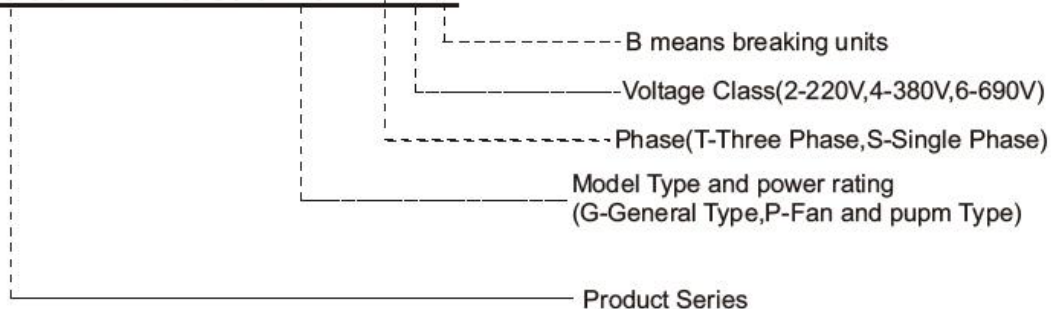


Model	Power capacity (KVA)	Input current (A)	Output current(A)		Adaptable Motor (KW)	SIZE	Brake Unit
			Heavy load	Light load			
Three phase: 380-480V, 50/60Hz							
SET500-R75GT4B	1.5	3.4	2.5	4.2	0.75	SIZE A	Internal
SET500-1R5GT4B	3	5	4.2	5.6	1.5		
SET500-2R2GT4B	4	5.8	5.6	9.4	2.2		
SET500-4R0G/5R5PT4B	5.9	10.5	9.4	13.0	3.7		
SET500-5R5G/7R5PT4B	8.9	14.6	13.0	17.0	5.5	SIZE B	
SET500-7R5G/011PT4B	11	20.5	17.0	23.0	7.5		
SET500-011G/015PT4B	17	26.0	25.0	31.0	11	SIZE C	Internal
SET500-015G/018PT4B	21	35.0	32.0	37.0	15		
SET500-018G/022PT4B	24	38.5	37.0	45.0	18.5	SIZE D	
SET500-022G/030PT4B	30	46.5	45.0	57.0	22		
SET500-030G/037PT4	40	62.0	60.0	75.0	30	SIZE E	option
SET500-037G/045PT4	50	76.0	75.0	87.0	37		
SET500-045G/055PT4	60	92.0	90.0	110.0	45	SIZE F	
SET500-055G/075PT4	75	113.0	110.0	135.0	55		
SET500-075G/090PT4	104	157.0	152.0	165.0	75	SIZE	
SET500-090G/110PT4	112	170.0	176.0	210.0	90	G	
SET500-110G/132PT4	145	220.0	210.0	253.0	110	SIZE H	
SET500-132G/160PT4	170	258.0	253.0	304.0	132	SIZE I	
SET500-160G/185PT4	210	320.0	304.0	360.0	160		
SET500-185G/200PT4	245	372.0	360.0	380.0	185	SIZE J	
SET500-200G/220PT4	250	380.0	380.0	426.0	200		
SET500-220G/250PT4	280	425.0	426.0	465.0	220	SIZE K	
SET500-250G/280PT4	315	479.0	465.0	520.0	250		
SET500-280G/315PT4	350	532.0	520.0	585.0	280	SIZE L	
SET500-315G/355PT4	385	585.0	585.0	650.0	315		
SET500-355G/400PT4	420	638.0	650.0	725.0	355	SIZE M	
SET500-400G/450PT4	470	714.0	725.0	820.0	400		
SET500-450G/500PT4	530	800.0	820.0	/	450	SIZE N	
SET500-500G/560PT4	580	880.0	900.0	/	500		
SET500-560G/630PT4	630	950.0	980.0	/	560	SIZE O	
SET500-630GT4	710	1080	1120.	/	630	SIZE O	
SET500-710GT4	790	1200	1260	/	710	SIZE O	

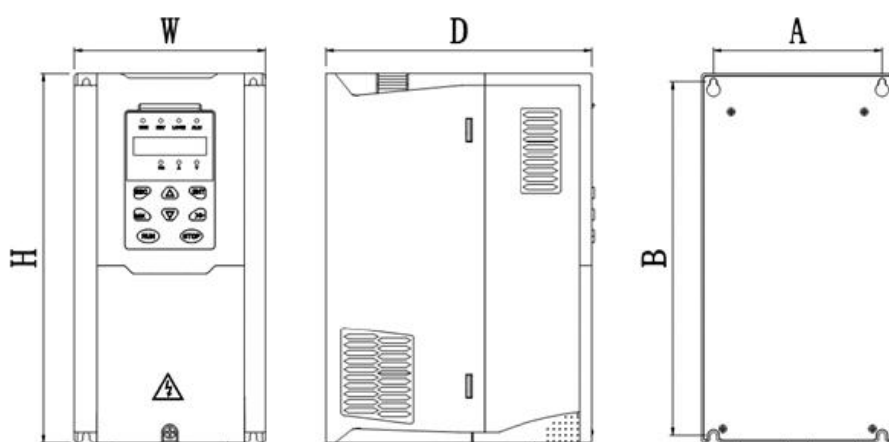
# General Technical Data

## Designation Rules

**VFD500 - 4R0G/5R5P T4B**



## Appearance and Mounting Hole Dimension



SIZE	Appearance and installation dimension (mm)							
	A	B	H	H1	W	D	F d	Mounting screws
0.75KW-4KW	87	206.5	215	/	100	170	ø5.0	M4X16
5.5KW-7.5KW	114	239.5	250	/	130	180	ø5.0	M4X16
11KW-15KW	159	298	310	/	180	193	Ø6.0	M5X20
18.5KW-22KW	165	350	365	335	210	205	Ø6.0	M5X20
30KW-37KW	170	437	452.5	424	260	230	Ø7.0	M6X16
45KW-55KW	250	535	555	520	310	275	Ø10.0	M8X20
75KW-90KW	280	620	640	605	350	290	Ø10.0	M8X20
110KW	200	915/695	945/725	661.5	370	310	Ø11.0	M10X25
132KW-160KW	200	925/705	945/725	671.5	360	335	Ø11.0	M10X25
185KW-200KW	360	785	806	752	490	358	Ø11.0	M10X25
220KW-250KW	360	1135	1156	1102	490	358	Ø11.0	M10X25

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