

YD287T2S/T4 MODEL SIZE

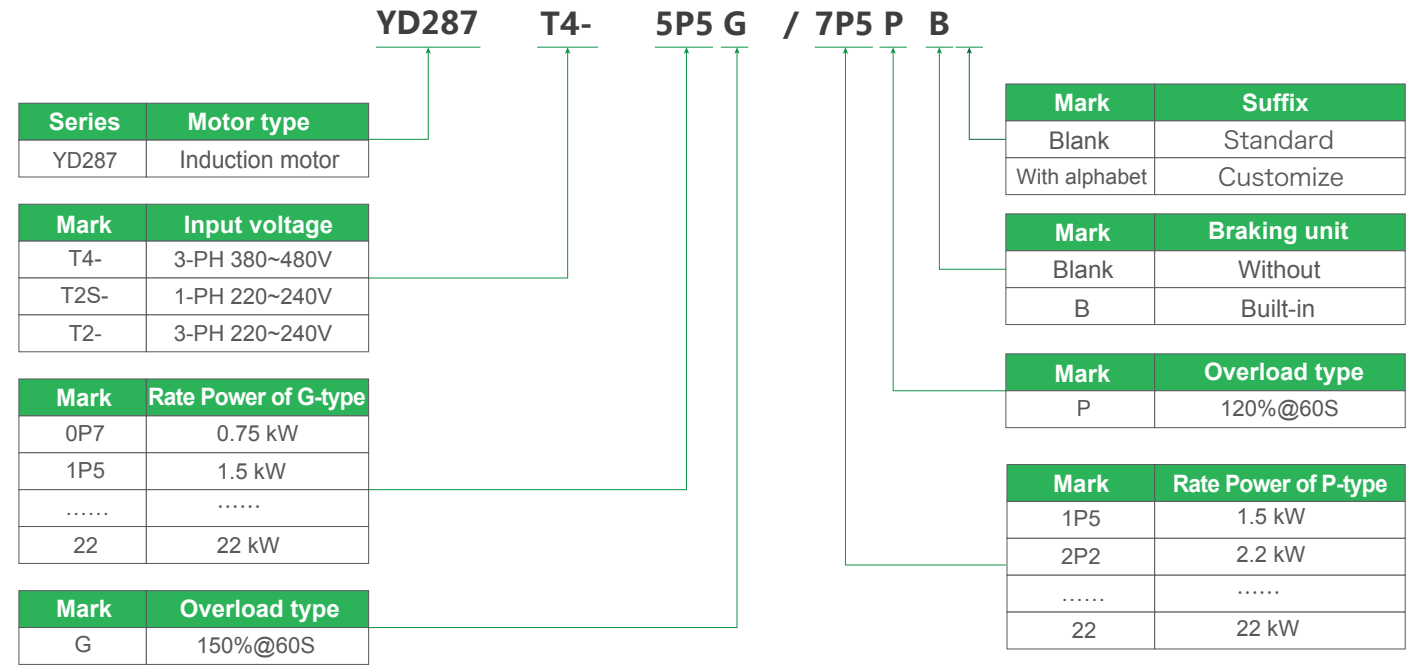
YD287T2S-0P4GB~2P2GB Dimensions & Mounting hole (1-PH 200V~240V)

Frame	Model & Type	Mounting dimension		Dimensions(mm)				Mounting hole (mm)	Net Weight kg
		A	B	H	H1	W	D		
F1	YD287T2S-0P4GB	74	187	197.5	-	90	141	Ø5	1.2
	YD280T2S-0P7GB								
	YD287T2S-1P5GB								
	YD287T2S-2P2GB								

YD287T4-0P7G/1P5PB~22GB Dimensions & Mounting hole (3-PH 380V~480V)

Frame	Model & Type	Mounting dimension		Dimensions(mm)				Mounting hole (mm)	Net Weight kg
		A	B	H	H1	W	D		
F1	YD287T4-0P7G/1P5PB	74	187	197.5	-	90	141	Ø5	1.16
	YD287T4-1P5G/2P2PB								1.2
	YD287T4-2P2G/3P0PB								
	YD287T4-3P0G/3P7PB								
	YD287T4-3P7G/5P5PB								
F2	YD287T4-5P5G/7P5PB	90	190	200	202	102	163.5	Ø6	1.75
	YD287T4-7P5GB								1.8
F3	YD287T4-11G/15PB	108.5	227	240.5	242.5	125	173	Ø6.5	3.0
	YD287T4-15G/18P5PB								
F4	YD287T4-18P5G/22PB	147	278.5	295	297	165	208.3	Ø7	5.1
	YD287T4-22GB								

NAMING RULES



Yolico



YD287 Series

FREQUENCY INVERTER
FOR LIFTING



Yolico

Ver: 2606

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USER MANUAL



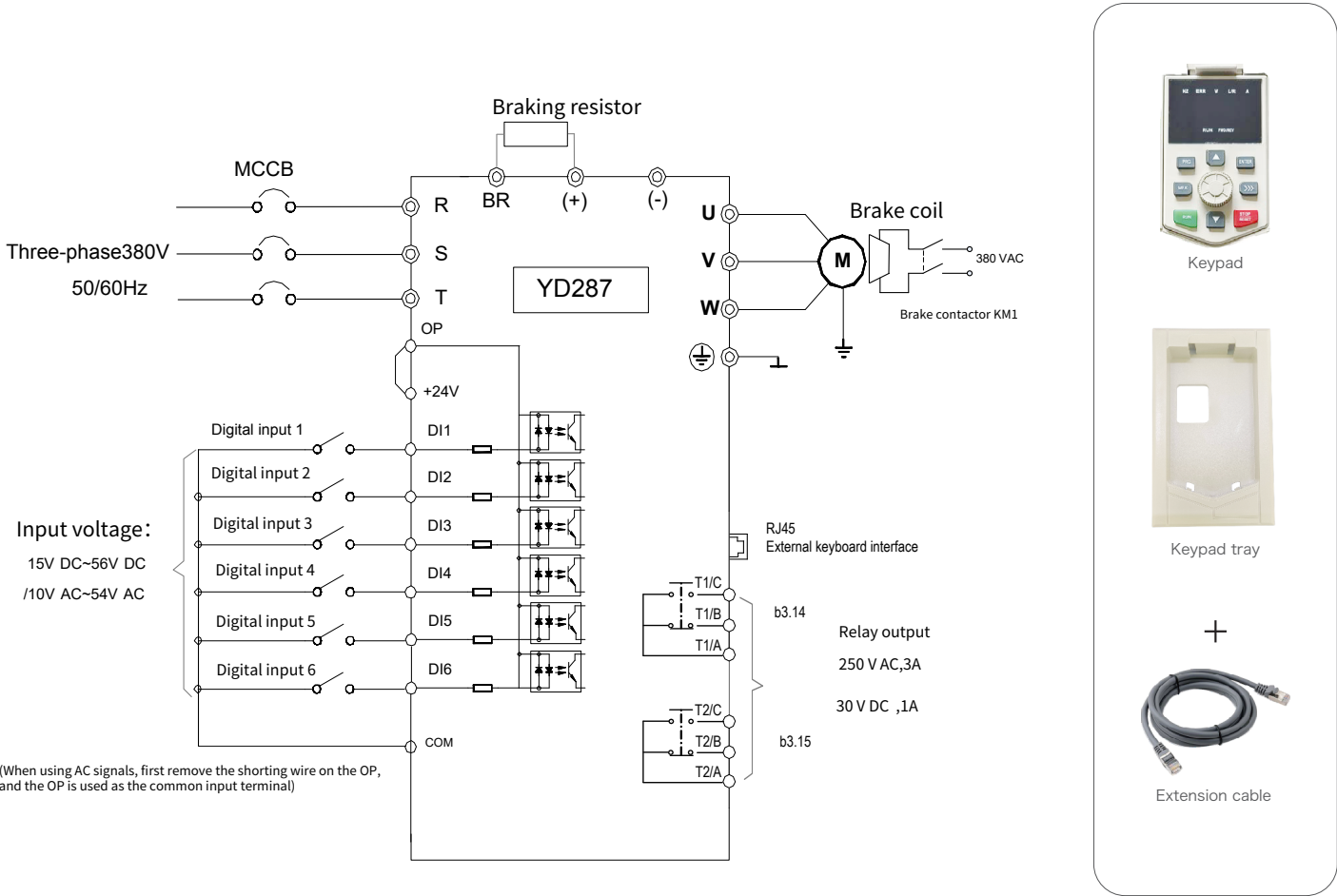
- 220V 1-PH 0.4-2.2kW
- 380V 3-PH 0.75-kW

ISO9001 CE

PRODUCT FEATURES

01	Control on the asynchronous motor	09	Provides control for lifting, traveling (gantry), and trolley (car) movements
02	Low - speed and high - torque output, capable of zero - speed operation	10	Starting torque:SVC control: 0.5 Hz/200%
03	Braking unit built-in for whole series	11	Power lost, can slow down power generation
04	Provides a simple positioning function.	12	Provides professional brake sequence control dedicated for cranes.
05	Support power loss non-stop	13	Protection against ground short - circuit and input phase - loss
06	Load jam, OL, SC protection	14	Function parameter display in three-level menu mode
07	Automatic boost; customized boost by 0.1% to 30.0%	15	Automatically identifies load conditions, and over - load can restrict lifting operation
08	Three - proof coating process to extend service life	16	Provides password lock function

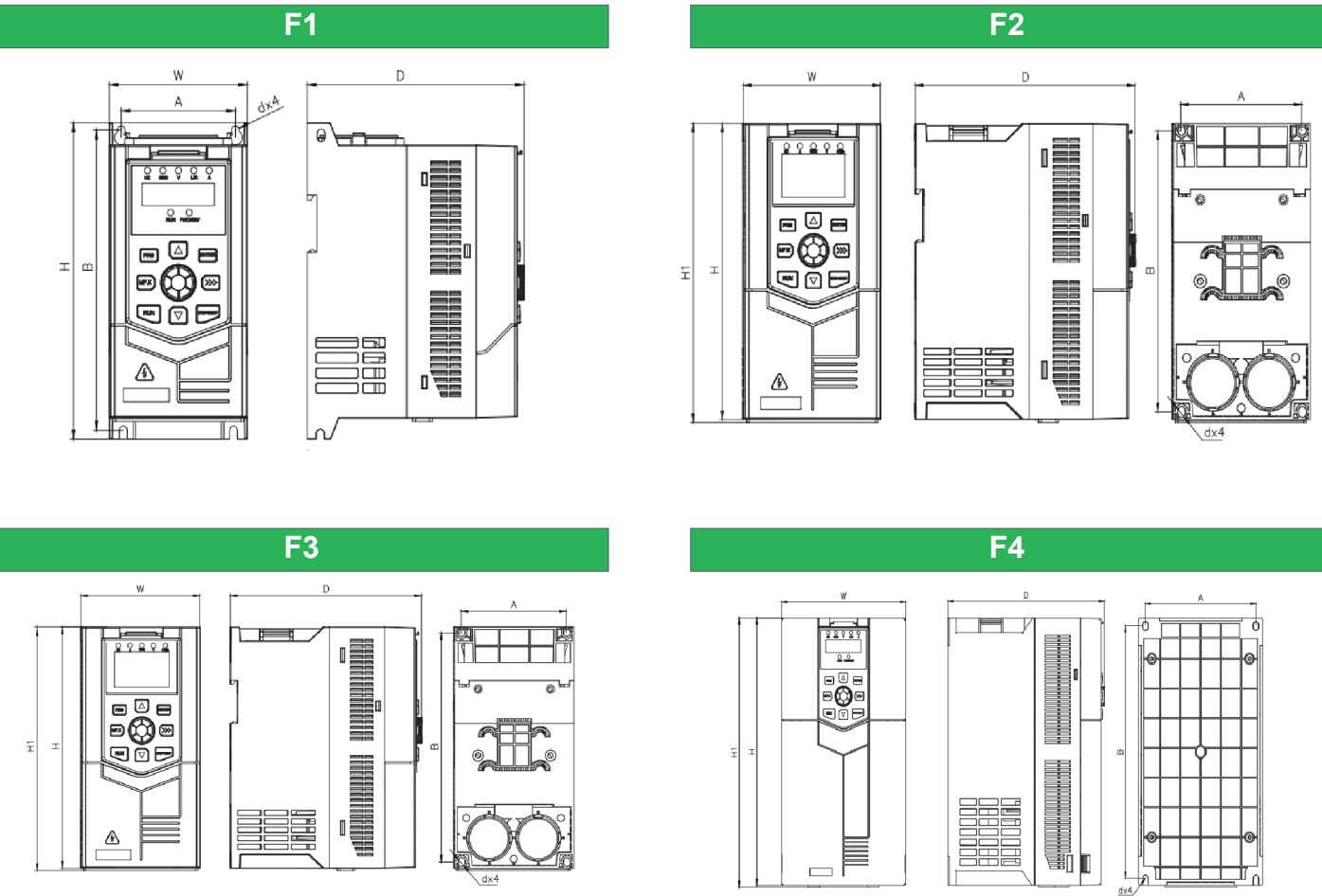
WIRING DIAGRAM



TECHNICAL DATA

Item		Description
BASIC	Control Mode	V/F Control, Sensorless Vector Control(SVC)
	Frequency range	0~150Hz
RUNNING	Input terminals	Six Digital input terminals
	Output terminals	Two relay output terminals
ENVIRONMENT	Places used	IP20, free of dust, corrosion, flammable gas, oil mist, water vapor, dripping water etc
	Ambient temperature	-10°C~ 40°C, de-rated when it exceeds 40°C

STRUCTURAL APPEARANCE



YD287T2S/T4 SELECTION TABLE

1-PH 200V~240V

Model & Type	Rate Power Type	Power capacity (kVA)	Input current (A)	Output current (A)	Applicable motor		Frame size
					(kW)	(HP)	
1-PH: 200-240Vac, 50/60Hz							
YD287T2S-0P4GB	G	1.4	5.4	2.3	0.4	1/2	F1
YD280T2S-0P7GB	G	2.2	8.0	3.8	0.75	1	
YD280T2S-1P5GB	G	3.7	15.0	7.2	1.5	2	
YD280T2S-2P2GB	G	6.0	11.4	9.0	2.2	3	

3-PH 380V~480V

Model & Type	Rate Power Type	Power capacity (kVA)	Input current (A)	Output current (A)	Applicable motor		Frame size
					(kW)	(HP)	
3-PH: 380-480Vac, 50/60Hz							
YD287T4-0P7G/1P5PB	G	2.8	2.4	2.1	0.75	1	F1
	P	5.0	4.6	3.8	1.5	2	
YD287T4-1P5G/2P2PB	G	5.0	4.6	3.8	1.5	2	
	P	6.7	6.3	5.1	2.2	3	
YD287T4-2P2G/3P0PB	G	6.7	6.3	5.1	2.2	3	
	P	9.5	9.0	7.2	3.0	4	
YD287T4-3P0G/3P7PB	G	9.5	9.0	7.2	3.0	4	
	P	12.0	11.4	9.0	3.7	5	
YD287T4-3P7G/5P5PB	G	12.0	11.4	9.0	3.7	5	
	P	17.5	16.7	13.0	5.5	7.5	
YD287T4-5P5G/7P5PB	G	17.5	16.7	13.0	5.5	7.5	
	P	22.8	21.9	17.0	7.5	10	
YD287T4-7P5GB	G	22.8	21.9	17.0	7.5	10	
	P	33.4	32.2	25.0	11	15	
YD287T4-11G/15PB	G	42.8	41.3	32.0	15	20	
	P	42.8	41.3	32.0	15	20	
YD287T4-15G/18P5PB	G	45.0	49.5	37.0	18.5	25	
	P	45.0	49.5	37.0	18.5	25	
YD287T4-18P5G/22PB	G	45.0	49.5	37.0	18.5	25	
	P	54.0	59.0	45.0	22	30	
YD287T4-22GB	G	54.0	59.0	45.0	22	30	