GUIDE

301633

GF630N系列变频器



GUIDE

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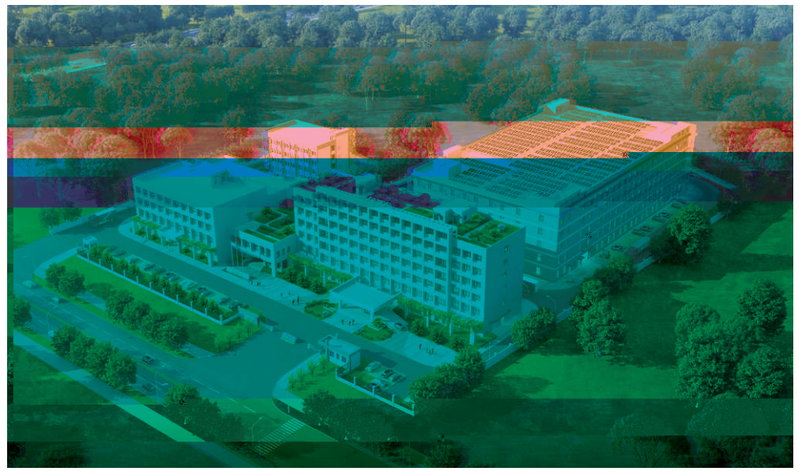


GF630N 03

GF630N 04

GF630N 05

GF630N 06

GF630N01 Mini 08

GF630N01 Mini 08

GF630N01 Mini 09

GF630N02 11

GF630N02 11

GF630N02 12

GF630N03 14

GF630N03 14

GF630N03 15

GF630N04 17

GF630N04 17

GF630N04 18

GF630N05 19

GF630N05 19

GF630N05 20

GF630NGS 22

GF630NGS 23

GF630NGS 24

GF630N XX - XXX - 4 - XXX + X

1 2 3 4 5 6

1	
2	01 Mini 02 03 04 05 GS
3	5R5=5.5kW 055=55kW 110=110kW
4	4：380V
5	

6

DL			
BU			
LCD			
SW01			
MB01	Modbus RTU	DP01	Profibus DP
PN01	Profinet	CAN01	CANopen
PG02		PG03	
PG04			
IO01 (IO)	7DI+4DO+Modbus RTU	IO02 (IO)	5DI+2DO
IO03 (IO)	5DI+2DO+1AI+Modbus RTU		
PC01 ( )	20DI+6DO+CANopen +Modbus RTU	PC03 ( )	20DI+6DO

2 G0 Þ



GF630N

GF630N - XXX - 4 + X

❶ ❸ ❹ ❻

❶	❸ 5R5=5.5kW 055=55kW 110=110kW	❹ 4：380V

❻

DL			
BU			
LCD			
SW01			
MB01	Modbus RTU	DP01	Profibus DP
PN01	Profinet	CAN01	CANopen
PG02		PG03	
PG04			
IO01 (IO)	7DI+4DO+Modbus RTU	IO02 (IO)	5DI+2DO
IO03 (IO)	5DI+2DO+1AI+Modbus RTU		
PC01 ( )	20DI+6DO+CANopen +Modbus RTU	PC03 ( )	20DI+6DO

1 GF630N-045-4+LCD+PG02 400V/45kW LCD PG02

2 GF630N-110-4+DL+BU 400V/110kW LED

GF630N

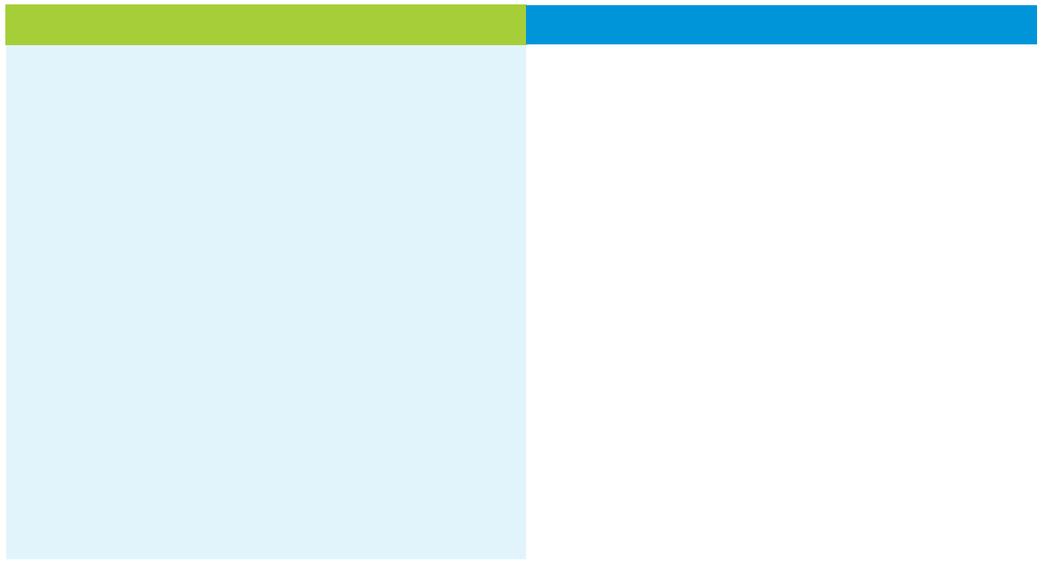
	A	kW	A	kW		[mm] H*W*D	kg
GF630N-3R7-4	9.9	3.7	5.4	2.2			
GF630N-5R5-4	14	5.5	9.9	3.7	N2	260*140*191	
GF630N-7R5-4	17	7.5	14	5.5			
GF630N-011-4	23	11	17	7.5			
GF630N-015-4	31	15	23	11	N3		
GF630N-018-4	37	18.5	31	15			
GF630N-022-4	46	22	37	18.5			
GF630N-030-4	64	30	46	22			12.5
GF630N-037-4	74	37	64	30			
GF630N-045-4	93	45	74	37			
GF630N-055-4	114	55	93			766*235*345.5	38
GF630N-075-4	154	75	114				
GF630N-090-4	187	90			N6	885*315*331.5	55
GF630N-110-4	214						
GF630N-132-4	264				N7	965*390*345.5	80
GF630N-160-4	302	[illegible]					
GF630N-185-4	36[illegible]	185	[illegible]2				
GF630N-200-4	3[illegible]		364	1[illegible]	N8	1093*492*376	120
GF630N-220-4			395	2[illegible]			
GF630N-250-4		[illegible]50	437	22[illegible]	N9	1200*490*395.5	150
GF630N-280-4		280	484	25[illegible]			
GF630N-315-4		315	544	28[illegible]			
GF630N-355-4		355	609	31[illegible]	N10	1305*700*415	240
GF630N-40[illegible]		400	667	35[illegible]			
GF630N[illegible]4		450	719	40[illegible]			

GF630N

		P 380V 480V
		50/60Hz
		-15% +10%
		fLN ± 2% ± 4% ≤ 2%fLN/s
		0 5%
00		1%
		0 300Hz
		—g•yb
		1kHz 10kHz
		0.01Hz x0.1%
		(VC) (SVC) V/F
		W/F,c† CQ 8a6!0 8a s c† w50 8a) GUg ,' uYdH) G†X4,' q !3)—6 D!Ta3)— 9Y6 2™q 8† a3)— 6a3)— sS3)— ,' uVpX
		PG PG
		300Hz
		0Hz/200%(VC SVC) 0.8Hz/150%(V/F)
		1:500(SVC) 1:1000(VC)
∞		± 0.02% (VC) ± 0.2% (SVC) ± 0.5% (V/F)

GF630N

	LED/LCD	
		1000 1000 100 1% ı ώ 3000



GF630N01 Mini

		380V 480V
		50/60Hz Ě
		-15% +10%
		fLN ± 2% ± 4% ≤ 2%fLN/s
0		0 5%
		2%
		0%300Hz Hz
		0.5kHz 16kHz
		0.01Hz x0.1%
		%(SVC) V/F
	V/F	
		PG
		300Hz
		0.5Hz/150%(SVC)
		1:100(SVC)
		±0.5% (SVC)
		150% 5 1
	شه	

		H
		%LED
		P حی
		98%

GF630N02

						[mm] (H*W*D)	2 1
	(A)	(kW)	(A)	(kW)			
GF630N02-011-4	23	11	17	7.5	S1	340*200*200	
GF630N02-015-4	31	15	23	11			
GF630N02-018-4	37	18.5	31	15	S2	430*300*235	
GF630N02-022-4	46	22	37	18.5			
GF630N02-030-4	64	30	46	22			
GF630N02-037-4	74	37	64	30	S3	610*360*315	
GF630N02-045-4	93	45	74	37			
GF630N02-055-4	114	55	93	45			
GF630N02-075-4	154	75	114	55			
GF630N02-090-4	187	90	154	75			

1 11kW~30kW 37kW~90kW

2

3 LED

4 120% 5 1 150% 5 1

GF630N02

GF630N03

GF630N03

		380V 480V
		50/60Hz
		-15% +10%
		fLN±2% ±4% ≤2%fLN/s
		0 5%
		1%
		0 300Hz
		1kHz 10kHz
		0.01Hz x0.1%
		(SVC) V/F
	V/F	
		PG
		300Hz
		0Hz/200%(SVC) 0.8Hz/150%(V/F)
		1:500(SVC)
		±0.2% (SVC) ±0.5% (V/F)
		150% 5 1
		S
	PID	
		Modbus RTU Profinet
		DIDO: DIDO
		4 1 -10V +10V
		2 2

GF630N03

	LED	
		1000 1000 100 1% 3000
		-10 +40 40 1 1% 50 -10
		95%RH
		-20 +60
		98%
		Profinet
		IP54
		2.2kW 3.7kW
		2

PN	PN02	GDHF–APNX3	Profinet

GF630N04

GF630N04

GF630N 04 - XXX - 4

①	②	③	④
	04	022=22kW	4：380V



GF630N04

GF630N04

GF630N05





GF630NGS

						[mm] H*W*D	kg
	A	kW	A	kW			
GF630NGS-0R4-4	1.5	0.4	-	-	N1	260*140*191	3.5
GF630NGS-0R7-4	2.3	0.75	1.5	0.4			
GF630NGS-1R1-4	3	1.1	2.3	0.75			
GF630NGS-1R5-4	3.7	1.5	3	1.1			
GF630NGS-2R2-4	5.4	2.2	3.7	1.5			
GF630NGS-3R7-4	9.9	3.7	5.4	2.2	N2	260*140*191	4
GF630NGS-5R5-4	14	5.5	9.9	3.7			
GF630NGS-7R5-4	17	7.5	14	5.5			5
GF630NGS-011-4	23	11	17	7.5			
GF630NGS-015-4	31	15	23	11	N3	302*180*194	6.5
GF630NGS-018-4	37	18.5	31	15			
GF630NGS-022-4	46	22	37	18.5	N4	375*279*236	12.5
GF630NGS-030-4	64	30	46	22			
GF630NGS-037-4	74	37	64	30			
GF630NGS-045-4	93	45	74	37	N5	766*235*345.5	38
GF630NGS-055-4	114	55	93	45			
GF630NGS-075-4	154	75	114	55			
GF630NGS-090-4	187	90	154	75	N6	885*315*331.5	55
GF630NGS-110-4	214	110	187	90			
GF630NGS-132-4	264	132	214	110	N7	965*390*345.5	80
GF630NGS-160-4	302	160	264	132			
GF630NGS-185-4	364	185	302	160	N8	1093*492*376	120
GF630NGS-200-4	395	200	364	185			
GF630NGS-220-4	437	220	395	200			
GF630NGS-250-4	484	250	437	220	N9	1200*490*395.5	150
GF630NGS-280-4	544	280	484	250			
GF630NGS-315-4	609	315	544	280	N10	1305*700*415	240
GF630NGS-355-4	667	355	609	315			
GF630NGS-400-4	719	400	667	355			
GF630NGS-450-4	819	450	719	400			

1 0.4kW-37kW 45kW-450kW

2 0.4kW-37kW 45kW-110kW 132kW

3 LED

4 120% 5 1 150% 5 1

GF630NGS

		380V 480V
		50/60Hz
		-15% +10%
		fLN±2% ±4% ≤2%fLN/s
		0 5%
		1%
		0 800Hz
		1kHz 8kHz
		0.01Hz x0.1%
		(SVC) V/F
	V/F	
		800Hz
		1:500(SVC)
		±0.2% (SVC) ±0.5% (V/F)
		120% 5 1 150% 5 1
	PID	
		CANopen ModbusRTU ProfibusDP Profinet
		PID
		/ /
		/ /
		5 2 0 +10V 0mA/4mA 20mA
		3 1 2 2 0 +10V 0mA/4mA 20mA