

GF630N系列变频器

GUIDE

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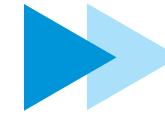


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“ ”

A 10x10 grid of numbers from 1 to 100. The number 10 is highlighted in a larger, bolder font. The grid is as follows:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



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

GF630N



GF630N XX - XXX - 4 - XXX + X

1 2 3 4 5 6

GF630N

GF630N - XXX - 4 + X

1 3 4 6

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

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

1	3	4
	5R5=5.5kW 055=55kW 110=110kW	4: 380V

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

- 1 GF630N-045-4+LCD+PG02 400V/45kW
- 2 GF630N-110-4+DL+BU 400V/110kW

LCD PG02

LED

GF630N

						[mm] H*W*D	kg
	A	kW	A	kW			
GF630N-3R7-4	9.9	3.7	5.4	2.2	N2	260*140*191	4
GF630N-5R5-4	14	5.5	9.9	3.7			
GF630N-7R5-4	17	7.5	14	5.5			5
GF630N-011-4	23	11	17	7.5			
GF630N-015-4	31	15	23	11	N3	302*180*194	6.5
GF630N-018-4	37	18.5	31	15			
GF630N-022-4	46	22	37	18.5	N4	375*279*236	12.5
GF630N-030-4	64	30	46	22			
GF630N-037-4	74	37	64	30			
GF630N-045-4	93	45	74	37			
GF630N-055-4	114	55	93	45	N5	766*235*345.5	38
GF630N-075-4	154	75	114	55			
GF630N-090-4	187	90	154	75			
GF630N-110-4	214	110	187	90	N6	885*315*331.5	55
GF630N-132-4	264	132	214	110			
GF630N-160-4	302	160	264	132	N7	965*390*345.5	80
GF630N-185-4	364	185	302	160			
GF630N-200-4	395	200	364	185			
GF630N-220-4	437	220	395	200	N8	1093*492*376	120
GF630N-250-4	484	250	437	220			
GF630N-280-4	544	280	484	250			
GF630N-315-4	609	315	544	280			
GF630N-355-4	667	355	609	315	N9	1200*490*395.5	150
GF630N-400-4	719	400	667	355			
GF630N-450-4	819	450	719	400			

GF630N

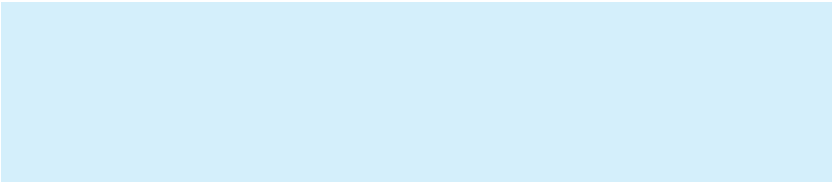
		380V 480V
		50/60Hz
		-15% +10%
		fLN ± 2% ± 4% ≤ 2%fLN/s
		0 5%
		1%
		0 300Hz
		Ū ± ff% f% 0 ě -
		1kHz 10kHz
		0.01Hz x0.1%
		(VC) (SVC) V/F
	V/F	ĕ
		PG PG
		300Hz 33
		0Hz/200%(VC SVC) 0.8Hz/150%(V/F)
	P ě	1:500(SVC) 1:1000(VC) 3 5 5
		± 0.02% (VC) ± 0.2% (SVC) ± 0.5% (V/F)

GF630N

	LED/LCD					
		1000	1000	100	1%	
			3000			

GF630N02

GF630N02



						[mm] (H*W*D)	2 2
	(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% ≤ 2%fLN/s		± 4%		
		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

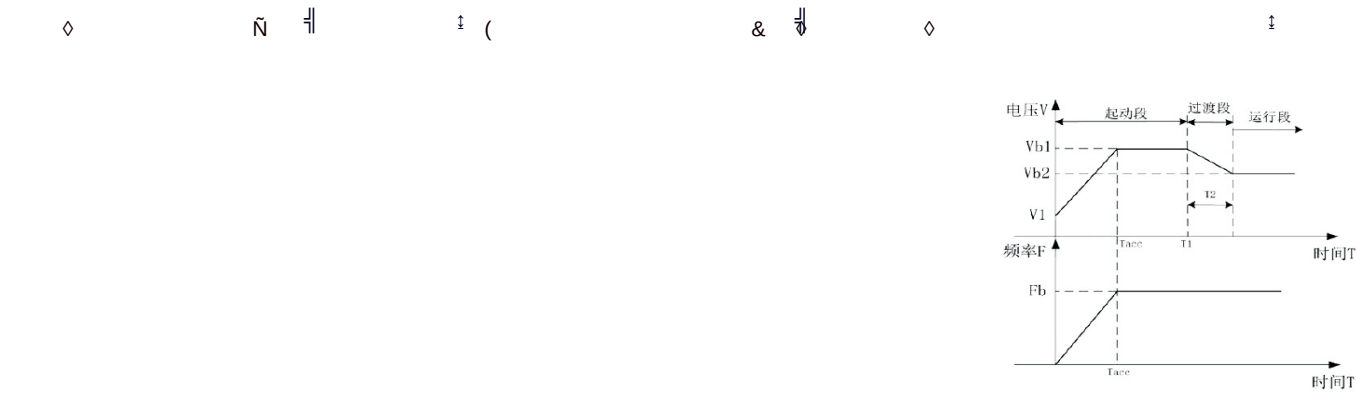
4

1	2	3	4
	04	022=22kW	4: 380V



GF630N04

0 - s		Đ	
0 ^ 008°S<S<c XqÔ S<0 0!008°S<S< ep!%f" 3)•!U5b S2™R sU3)•!T+†S2™R IQqU3)•!6 Xa}T x5-# 008°			
Ů	Ű	1 1A 1 1f 1 1 1 1 1	&
	380V 480V E , H ğ		
	50/60Hz 0 1 *		
	- 15% +10%		
	epc %0026V# W fLN±2 H E , H ğ ±4		
	0 ≤2 fLN/s		
	0 1 1 1		
	1		
	0 500Hz		
	% Đ \$		
	√1 1* ±%Đ 1 1/ 1 ğ1 , HĚ /		
	7z etO 1! 1 1 μ ! 1		
	0		



! 71 ! 71 ! Ű ¶ →

GF630N05



1	2 LED			

		98%

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			
GF630NGS-018-4	37	18.5	31	15	N3	302*180*194	6.5
GF630NGS-022-4	46	22	37	18.5			
GF630NGS-030-4	64	30	46	22	N4	375*279*236	12.5
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GF630NGS-090-4	187	90	154	75			
GF630NGS-110-4	214	110	187	90	N6	885*315*331.5	55
GF630NGS-132-4	264	132	214	110			
GF630NGS-160-4	302	160	264	132	N7	965*390*345.5	80
GF630NGS-185-4	364	185	302	160			
GF630NGS-200-4	395	200	364	185			
GF630NGS-220-4	437	220	395	200	N8	1093*492*376	120
GF630NGS-250-4	484	250	437	220			
GF630NGS-280-4	544	280	484	250			
GF630NGS-315-4	609	315	544	280	N9	1200*490*395.5	150
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
- 2

0.4kW-37kW
- 3

LED
- 4

120%51150%51
- 45kW-450kW
- 45kW-110kW
- 132kW

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

