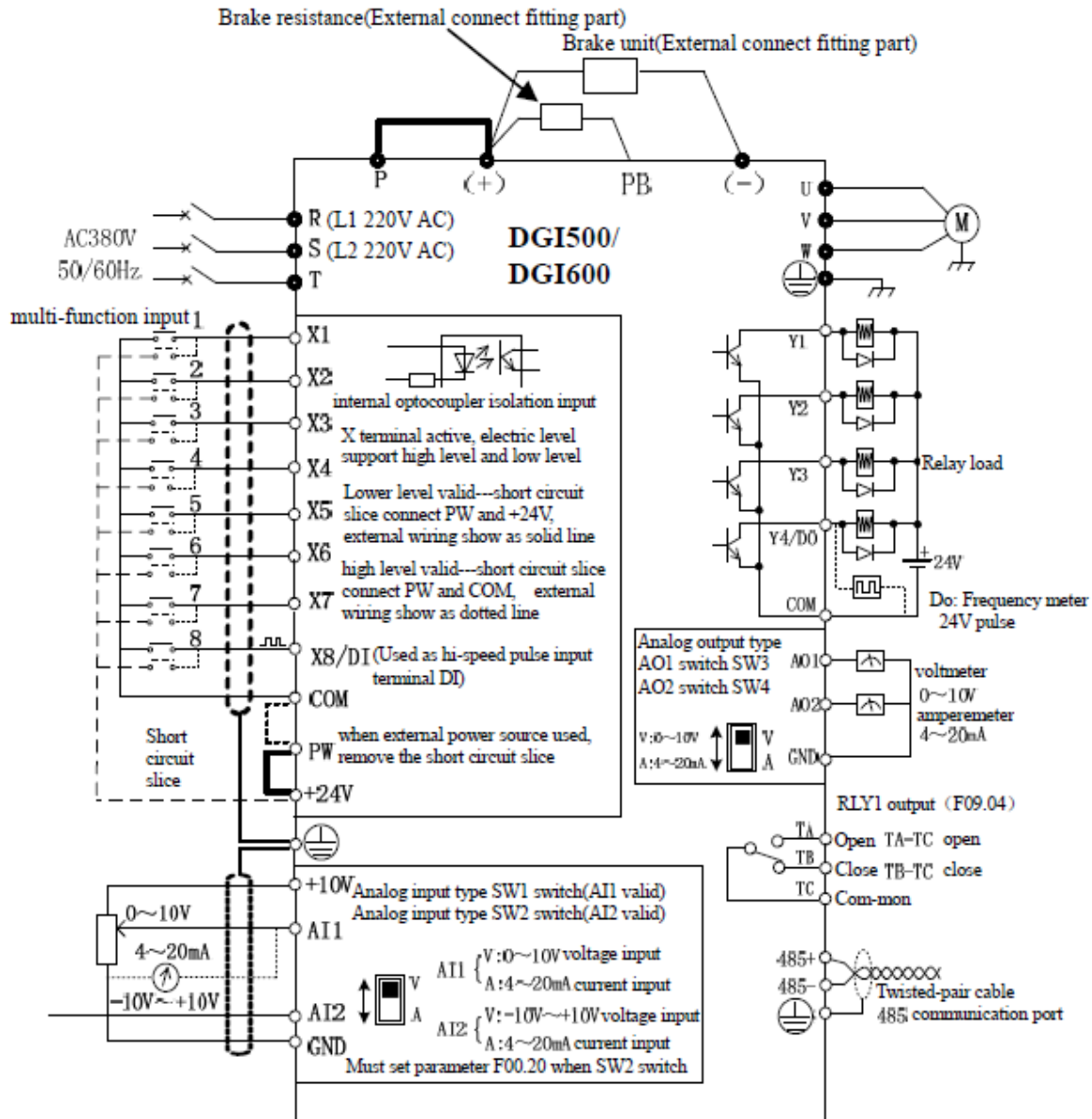




DEGDRİVE DGI600-DGI500 HIZLI KURULUM PARAMETRELERİ VE BAĞLANTI ŞEMASI



F00.14	FABRİKA AYARLARI	010
F00.16	KONTROL SEÇİMİ	0:KEYPAT-TERMİNAL-SERİ HABERLEŞME 1:KEYPAT-TERMİNAL 2:KEYPAT-SERİ HABERLEŞME 3:TERMİNAL-SERİ HABERLEŞME
F00.20	ANALOG İNPUT SEÇİMİ	AI1:0~10V / 4~20mA AI2:0~10V / 4~20mA
F00.21	ANALOG OUTPUT SEÇİMİ	AO1:0~10V / 4~20mA AO2:0~10V / 4~20mA
F00.24	MOTOR KONTROL SEÇİMİ	0:V/F 1:SENSÖRSÜZ VECTOR KONTROL 2:SENSÖRLÜ VECTOR KONTROL
F00.26	KEYPAT PARAMETRE KOPYALAMA	1:UPLOAD 2:DOWNLOAD
F01.00	ANA FREKANS KONTROL SEÇİMİ	1:AI1 KONTROL 2:AI2 KONTROL 3:TERMİNAL UP/DOWN SEÇİMİ 4:SERİ HABERLEŞME (ADRES 1E01)
F01.11	ÜST LİMİT FREKANS	50HZ~600HZ
F01.12	ALT LİMİT FREKANS	0HZ
F01.15	ÇALIŞTIRMA KOMUTU SEÇİMİ	0:KEYPAT 1:TERMİNALDEN (X1,X2,X3,X4) 2:SERİ HABERLEŞME
F01.17	KALKIŞ ZAMANI	0.1 ~ 6000 Sn.
F01.18	DURUŞ ZAMANI	0.1 ~ 6000 Sn.
F02.00 F02.06	FLY START	2 1
F03.01	TORK KONTROL SEÇİMİ	0:MANUEL 1:OTOMATİK
F03.02	MANUEL TORK KONT. DEGER	0.0~%12
F04.09	TETİKLEME FREKANSI	0.5~16.0K
F05.00	HABERLEŞME PROTOKOL	0:MODBUS 2:PROFİBUS 3:CAN LİNK 4:CAN OPEN

F05.01	HABERLEŞME BANT SEÇİMİ	0:300BPS 1:600BPS 2:1200BPS 3:2400BPS 4:4800BPS 5:9600BPS 19200BPS
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F08.18	X1	1:İLERİ ÇALIŞTIRMA (FWD) 2:GERİ ÇALIŞTIRMA (REV) 3:HARİCİ İLERİ JOG 4:HARİCİ GERİ JOG
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		24:HARİCİ RESET 25:SERBEST DURUŞ 26:HARİCİ STOP 30: 3 TELLİ BAGLANTI (THREE-WIRE) 71: YANGIN MODU (FİRE MODE) 91:PULSE FREKANS GİRİŞİ (SADECE X8) 92:PULSE PWN GİRİŞİ (SADECE X8)
F08.19	X2	X1 İLE AYNI DEGERLER GEÇERLİDİR.
F08.20	X3	X1 İLE AYNI DEGERLER GEÇERLİDİR.
F08.21	X4	X1 İLE AYNI DEGERLER GEÇERLİDİR.
F08.22	X5	X1 İLE AYNI DEGERLER GEÇERLİDİR.
F08.23	X6	X1 İLE AYNI DEGERLER GEÇERLİDİR.
F08.24	X7	X1 İLE AYNI DEGERLER GEÇERLİDİR.
F08.25	X8	X1 İLE AYNI DEGERLER GEÇERLİDİR.
F09.04	PROGRANABİLİR RÖLE	1: ÇALIŞIRKEN 22.HATA ÇIKIŞI (FAULT) 23:ALARM 49:YANGIN MODU ÇIKIŞI (FİRE MODE) 50:BYPASS YANGIN MODU ÇIKIŞI
F10.00	SOFT-PLC MODU	F10.00.....F10.30
F10.31	MULTİ FREKANS	F10.31.....F10.45
F14.00	VECTOR KONTROL	0:SPEED KONTROL 1:TORK KONTROL (F00.24 1veya 2)
F15.01	MOTOR GÜCÜ	0.1KW ~6553.5KW
F15.02	MOTOR VOLTAJ	1 ~690V
F15.03	MOTOR AKIM	0.1 ~6553.5A
F15.04	MOTOR FREKANS	0.00 ~600HZ
F15.05	MOTOR DEVİR	0 ~60000r/min
F15.06	MOTOR KUTUP SAYISI	1 ~7
F15.19	OTO TUNİNG	0:DEVRE DIŞI 1:YÜKTE TUNİNG 2:YÜKSÜZ TUNİNG
F17.00	YANGIN MODU (FİRE MOD)	F17.00.....F17.04
F17.06	SOLAR SİSTEM MODU	F17.06.....F17.10

İNVERTÖR ARIZA KODLARI	
E-01	KALKERKEN AŞIRI AKIM
E-02	DURUŞTA AŞIRI AKIM
E-03	AŞIRI AKIM SABİT HIZDA
E-04	AŞIRI VOLTAJ

E-08	DÜŞÜK VOLTAJ
E-09	İNVERTÖR AŞIRI YÜK
E-10	MOTOR AŞIRI YÜK
E-11	MOTOR AŞIRI DÜŞÜK YÜK
E-12	GİRİŞ GERİLİM FAZ HATASI
E-13	ÇIKIŞ GERİLİM FAZ HATASI
E-14	İNVERTÖR MODÜL DÜŞÜK

Input Voltage	Inverter type	Rated output Current(A)	Adaptable motor (KW)
1 phase 220V	DGI600-2S0004	2.5	0.4
	DGI600-2S0007	4	0.75
	DGI600-2S0015	7	1.5
	DGI600-2S0022	10	2.2
	DGI600-2S0037	15	3.7
3 phase 380V	DGI600-4T0007G/0015P	2.3/3.7	0.75/1.5
	DGI600-4T0015G/0022P	3.7/5	1.5/2.2
	DGI600-4T0022G/0037P	5/8.5	2.2/3.7
	DGI600-4T0037G/0055P	8.5/13	3.7/5.5
	DGI600-4T0055G/0075P	13/17	5.5/7.5
	DGI600-4T0075G/0110P	17/25	7.5/11
	DGI600-4T0110G/0150P	25/33	11/15
	DGI600-4T0150G/0185P	33/39	15/18.5
	DGI600-4T0185G/0220P	39/45	18.5/22
	DGI600-4T0220G/0300P	45/60	22/30
	DGI600-4T0300G/0370P	60/75	30/37
	DGI600-4T0370G/0450P	75/91	37/45
	DGI600-4T0450G/0550P	91/112	45/55
	DGI600-4T0550G/0750P	112/150	55/75
	DGI500-4T0750G/0900P	150/176	75/90
	DGI500-4T0900G/1100P	176/210	90/110
	DGI500-4T1100G/1320P	210/253	110/132
	DGI500-4T1320G/1600P	253/304	132/160
	DGI500-4T1600G/2000P	304/380	160/200
	DGI500-4T2000G/2200P	380/426	200/220
	DGI500-4T2200G/2500P	426/474	220/250
	DGI500-4T2500G/2800P	474/520	250/280
	DGI500-4T2800G/3150P	520/600	280/315
	DGI500-4T3150G/3550P	600/650	315/355
	DGI500-4T3550G/3750P	650/680	355/375
	DGI500-4T3750G/4000P	680/750	375/400
	DGI500-4T4000G/4500P	750/800	400/450
	DGI500-4T4500G/5000P	800/870	450/500

Type	Air switch or breaker (A)	Contacto (A)	Input power wire mm²	Output motor cable mm²	Control signal wire mm²
DGI600-2S0004	6	9	0.75	0.75	0.5
DGI600-2S0007	10	12	0.75	0.75	0.5
DGI600-2S0015	16	18	1.5	1.5	0.5
DGI600-2S0022	16	18	1.5	1.5	0.5
DGI600-2S0037	20	25	2.5	2.5	0.75
DGI600-4T0007G/0015P	6	9	0.75	0.75	0.5
DGI600-4T0015G/0022P	10	12	0.75	0.75	0.5
DGI600-4T0022G/0037P	16	18	1.5	1.5	0.5
DGI600-4T0037G/0055P	16	18	1.5	1.5	0.5
DGI600-4T0055G/0075P	20	25	2.5	2.5	0.75
DGI600-4T0075G/0110P	25	25	4.0	4.0	0.75
DGI600-4T0110G/0150P	32	32	6.0	6.0	0.75
DGI600-4T0150G/0185P	40	40	6.0	6.0	0.75
DGI600-4T0185G/0220P	50	50	10	10	1.0
DGI600-4T0220G/0300P	50	50	10	10	1.0
DGI600-4T0300G/0370P	63	63	16	16	1.0
DGI600-4T0370G/0450P	80	80	25	25	1.0
DGI600-4T0450G/0550P	100	115	35	35	1.0
DGI600-4T0550G/0750P	125	125	50	50	1.0
DGI500-4T0750G/0900P	250	160	70	70	1.5
DGI500-4T0900G/1100P	250	160	75	75	1.5
DGI500-4T1100G/1320P	350	350	120	120	1.5
DGI500-4T1320G/1600P	400	400	120	120	1.5
DGI500-4T1600G/2000P	500	500	150	150	1.5
DGI500-4T2000G/2200P	630	630	185	185	1.5
DGI500-4T2200G/2500P	700	700	240	240	1.5
DGI500-4T2500G/2800P	800	800	120*2	120*2	1.5
DGI500-4T2800G/3150P	800	800	120*2	120*2	1.5
DGI500-4T3150G/3550P	1000	1000	150*2	150*2	1.5
DGI500-4T3550G/3750P	1000	1000	185*2	185*2	1.5
DGI500-4T3750G/4000P	1250	1250	240*2	240*2	1.5
DGI500-4T4000G/4500P	1250	1250	240*2	240*2	1.5
DGI500-4T4500G/5000P	1250	1250	270*2	270*2	1.5
DGI500-4T5000G/5600P	1600	1600	270*2	270*2	1.5
DGI500-4T5600G/6300P	1600	1600	300*2	300*2	1.5
DGI500-4T6300G	2000	2000	300*2	300*2	1.5

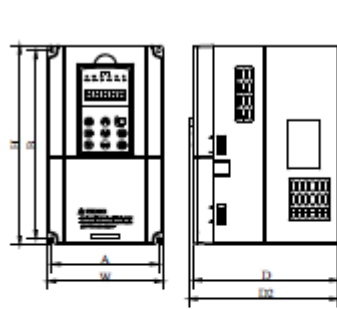


Fig.a

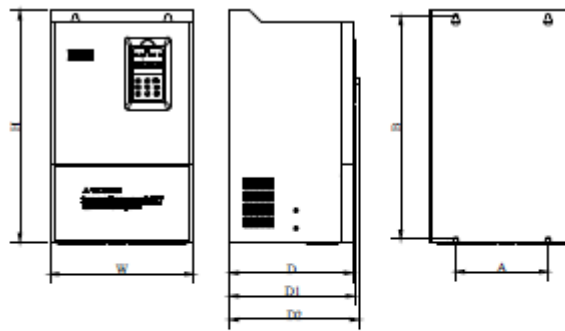


Fig.b

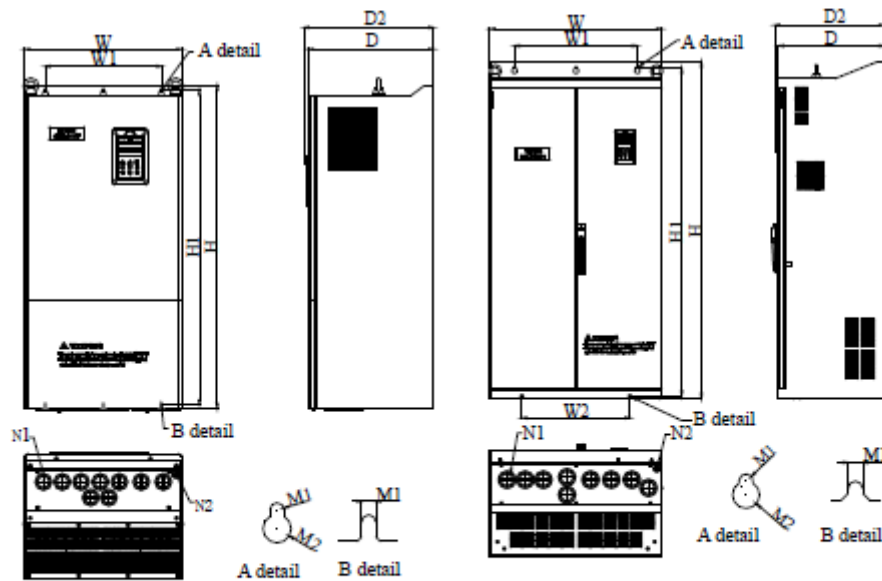


Fig.c

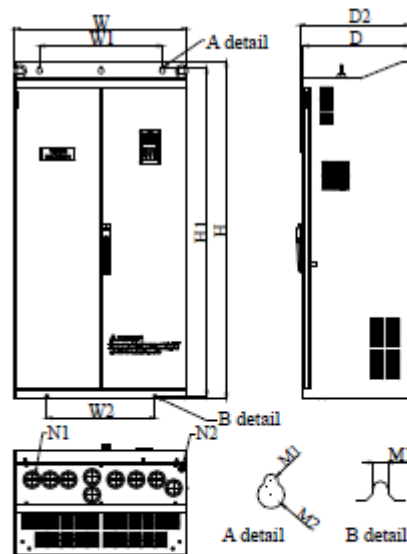


Fig.d

Inverter type	A (mm)	B (mm)	W (mm)	H (mm)	D (mm)	D1 (mm)	D2 (mm)	Fix Hole (mm)	Fig. No.
DGI600-2S0004	104	186	115	200	151	-	164	5	Fig.a
DGI600-2S0007									
DGI600-2S0015									
DGI600-2S0022									
DGI600-2S0037	129	227	140	240	175	-	188	5	Fig.a
DGI600-4T0007G/0015P	104	186	115	200	151	-	164	5	Fig.a
DGI600-4T0015G/0022P									
DGI600-4T0022G/0037P									
DGI600-4T0037G/0055P									
DGI600-4T0055G/0075P	129	227	140	240	175	-	188	5	Fig.a
DGI600-4T0075G/0110P									
DGI600-4T0110G/0150P	165	281	180	304	189	-	202	6	Fig.a
DGI600-4T0150G/0185P									
DGI600-4T0185G/0220P	180	382	250	398	210	214	223	9	Fig.b
DGI600-4T0220G/0300P									
DGI600-4T0300G/0370P	180	434	280	450	240	244	253	9	Fig.b
DGI600-4T0370G/0450P									
DGI600-4T0450G/0550P	190	504.5	290	530	250	254	263	9	Fig.b
DGI600-4T0550G/0750P									

Inverter type	H (mm)	H1 (mm)	W (mm)	W1 (mm)	W2 (mm)	D (mm)	D1 (mm)	D2 (mm)	N1 (mm)	N2 (mm)	M1 (mm)	M2 (mm)	Fig. No.
DGI500-4T0750G/0900P	570	546	340	237	-	320	-	333	-	-	Φ12	Φ18	Fig.c
DGI500-4T0900G/1100P													
DGI500-4T1100G/1320P	650	628	400	297	-	340	-	353	-	-	Φ12	Φ18	
DGI500-4T1320G/1600P													
DGI500-4T1600G/2000P	980	953	480	370	-	400	-	413	Φ38	Φ19	Φ9	Φ18	
DGI500-4T2000G/2200P	1030	1003	500	370	-	400	-	413	Φ38	Φ19	Φ9	Φ18	
DGI500-4T2200G/2500P													
DGI500-4T2500G/2800P	1368	1322	700	500	440	430	-	443	Φ52	Φ19	Φ12	Φ22	Fig.d
DGI500-4T2800G/3150P													
DGI500-4T3150G/3550P													
DGI500-4T3550G/3750P	1518	1483	700	500	500	430	-	443	OB 77*47	Φ19	Φ12	Φ22	
DGI500-4T3750G/4000P													
DGI500-4T4000G/4500P													
DGI500-4T4500G/5000P	1650	-	850	700	-	550	490	563	-	-	40	Φ13	Fig.e
DGI500-4T5000G/5600P													
DGI500-4T5600G/6300P	1700	-	900	750	-	550	490	563	-	-	40	Φ13	
DGI500-4T6300G													

NOT: >> Basit terminalden start yapmak için F01.15 -1 , F08.18 - 1 yapmanız yeterlidir. (Com,X1)

>> Hız referansınızı terminalden harici vermek istiyorsanız, F01.00 – 1 yapmanız yeterlidir. (AI1,+10v,GND)

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