

Gooddrive600

Gooddrive600 Series



Gooddrive600

STO

(1-100)



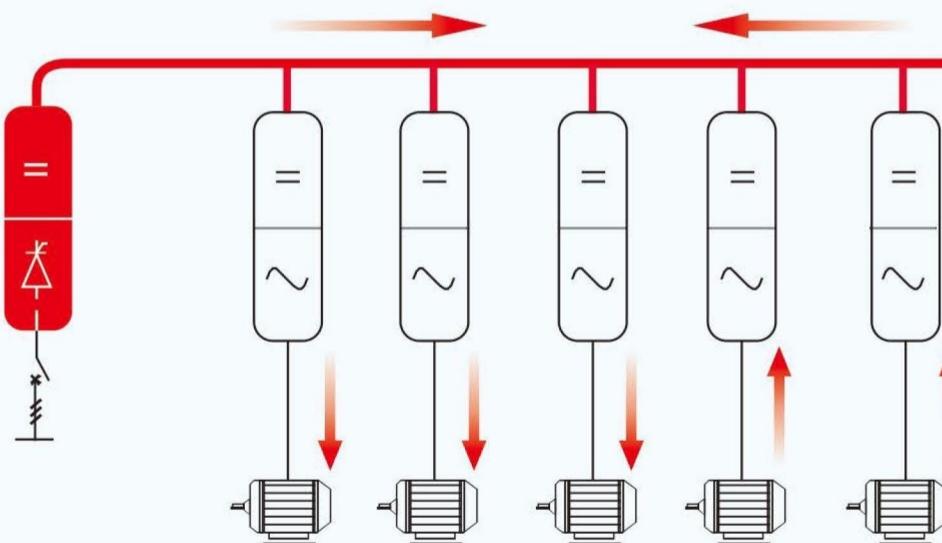
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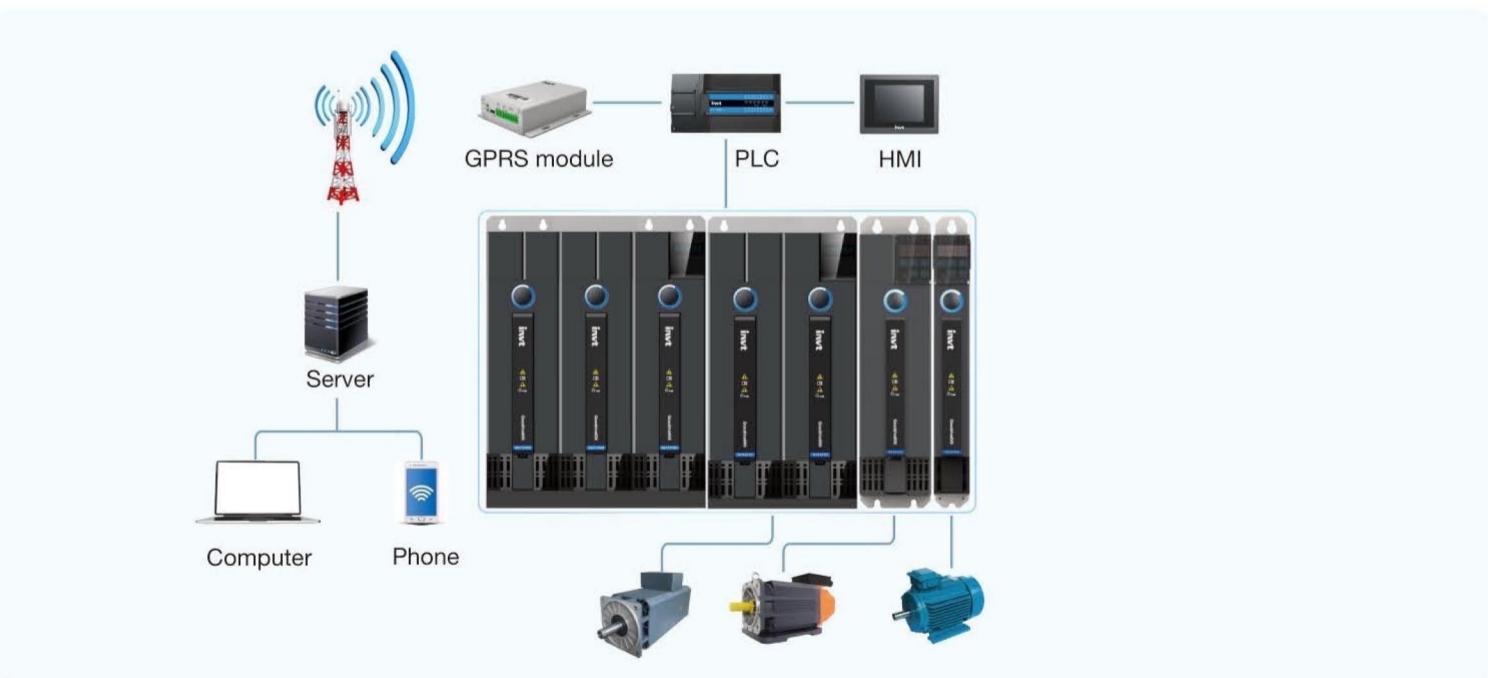
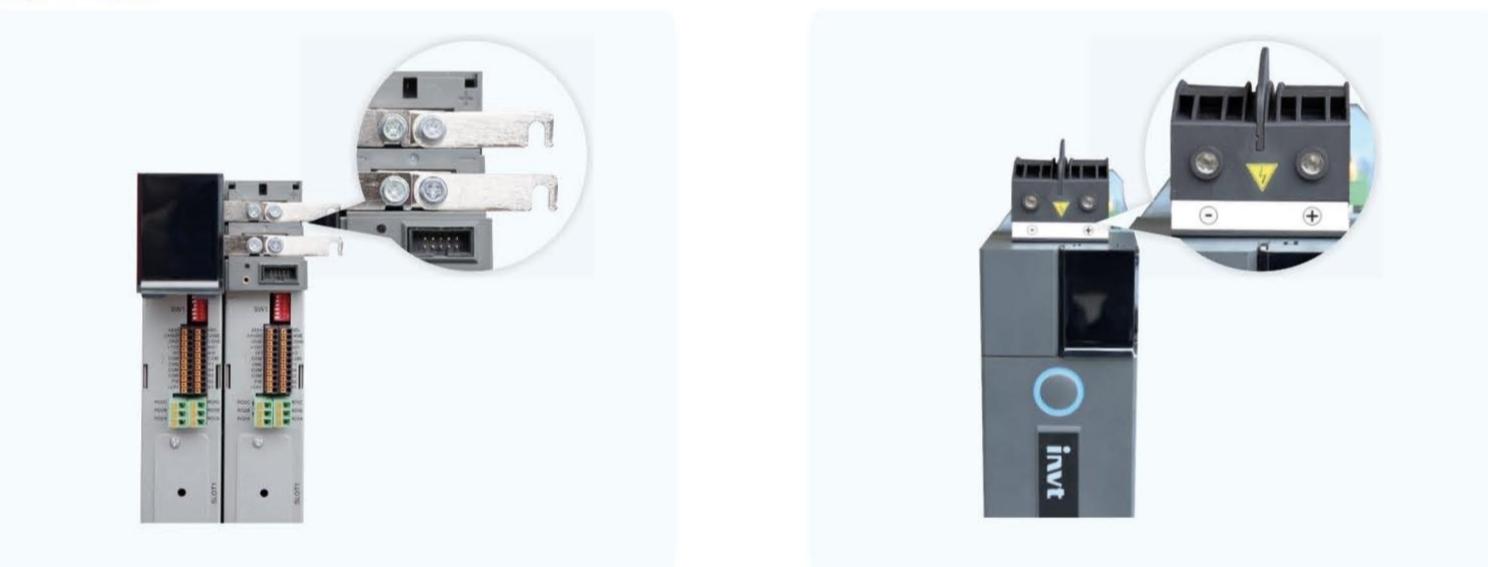
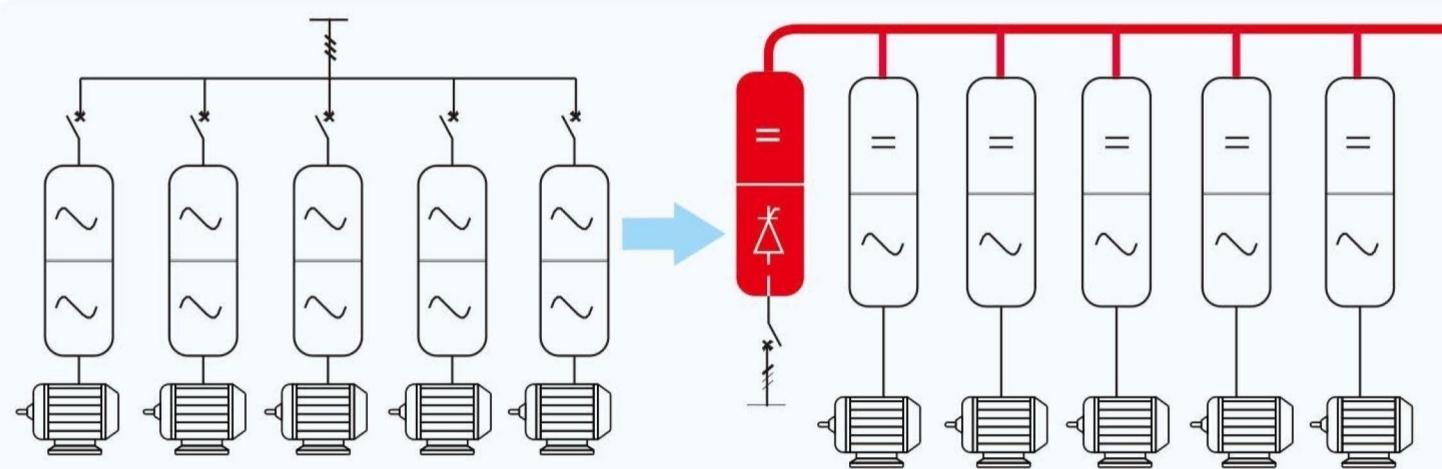


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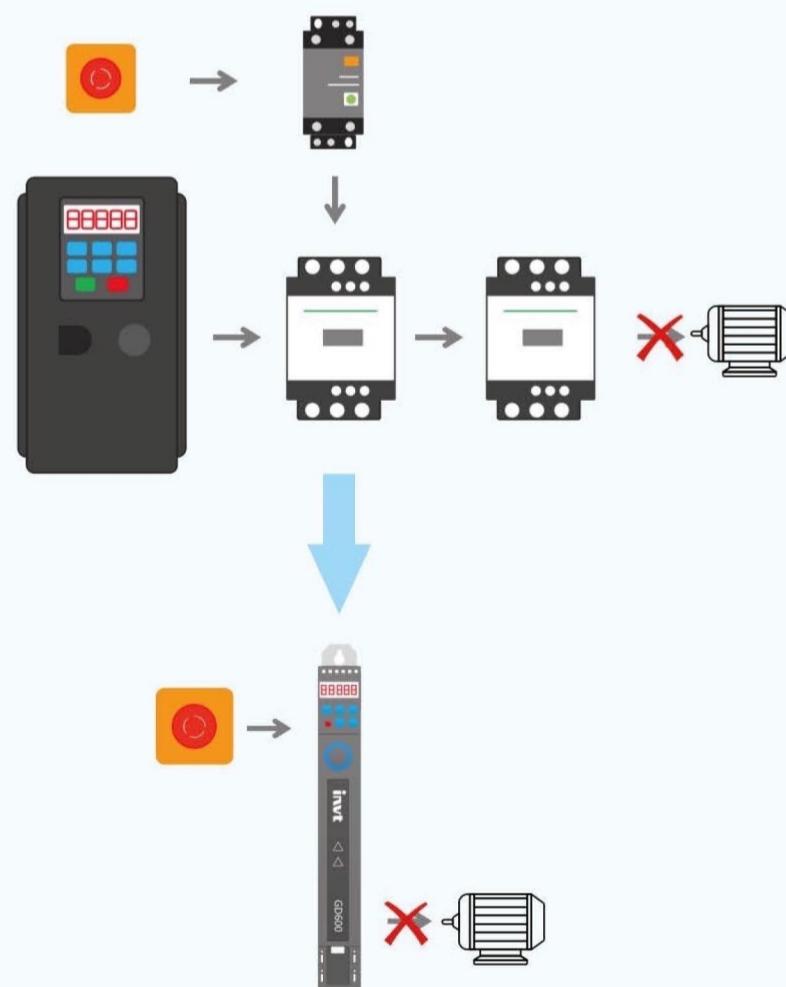




PG



STO -



SIL3



General Information		Demographic Data	
Project ID:	PRJ-2023-001	Age Group:	18-24
Project Name:	Smart Home Control System	Gender:	Male
Project Lead:	Jane Doe	Education Level:	Postgraduate
Project Status:	Planning	Employment Status:	Full-time Employee
Project Type:	Software Development	Marital Status:	Single
Project Budget:	\$50,000	Number of Children:	0
Project Duration:	6 Months	Employer:	Acme Technologies
Project Location:	New York City	Address:	123 Main Street, New York, NY 10001
Project Contact:	John Doe	Phone Number:	(123) 456-7890
Project Email:	john.doe@acmetech.com	Project Description:	Develop a user-friendly mobile application for controlling various smart home devices (lighting, temperature, security systems) via a single platform.

INVT
Accepting of Client's Testing.

, TÜV SÜD

ACT,

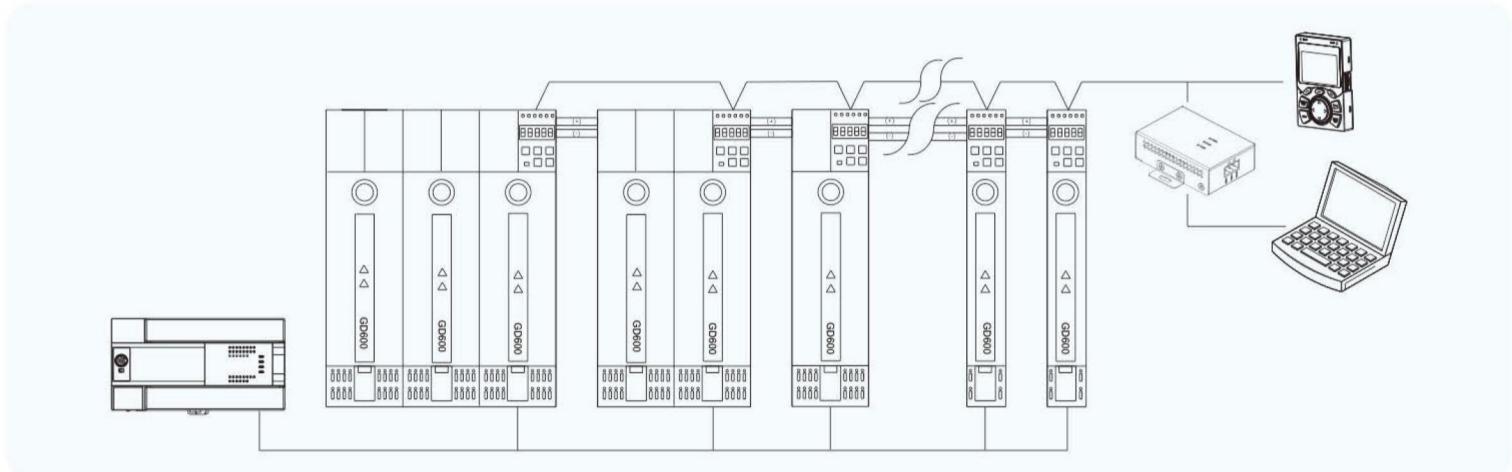
TÜV SÜD. ACT -



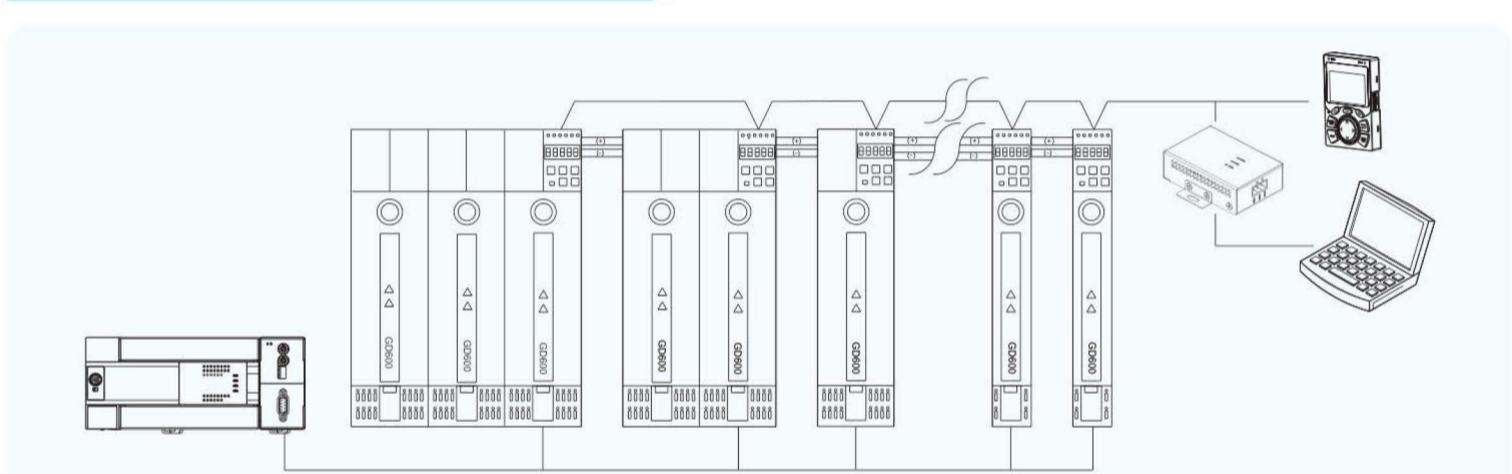
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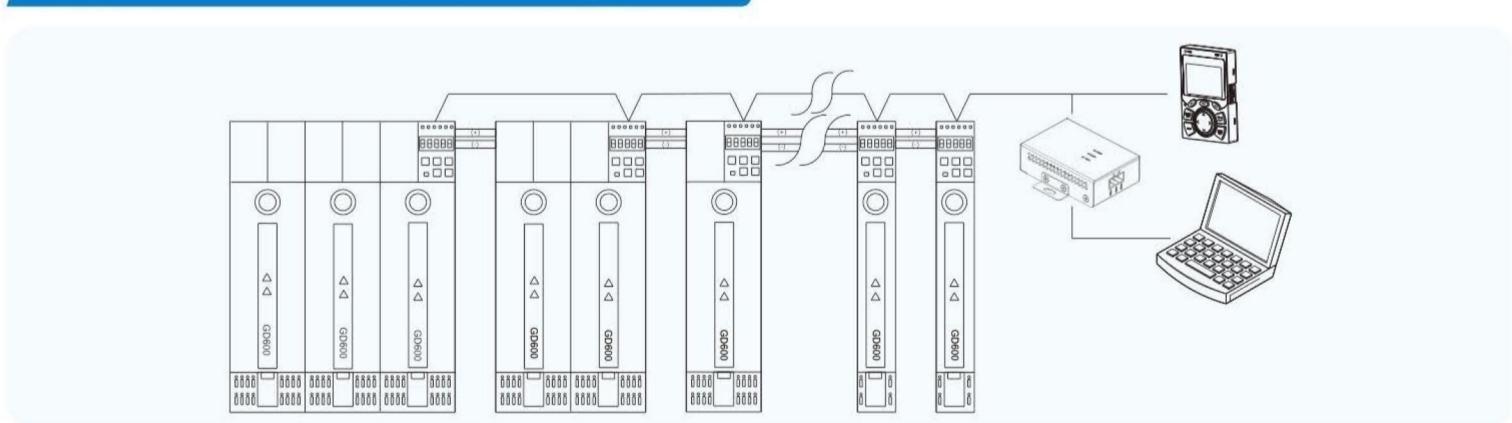
+ Modbus



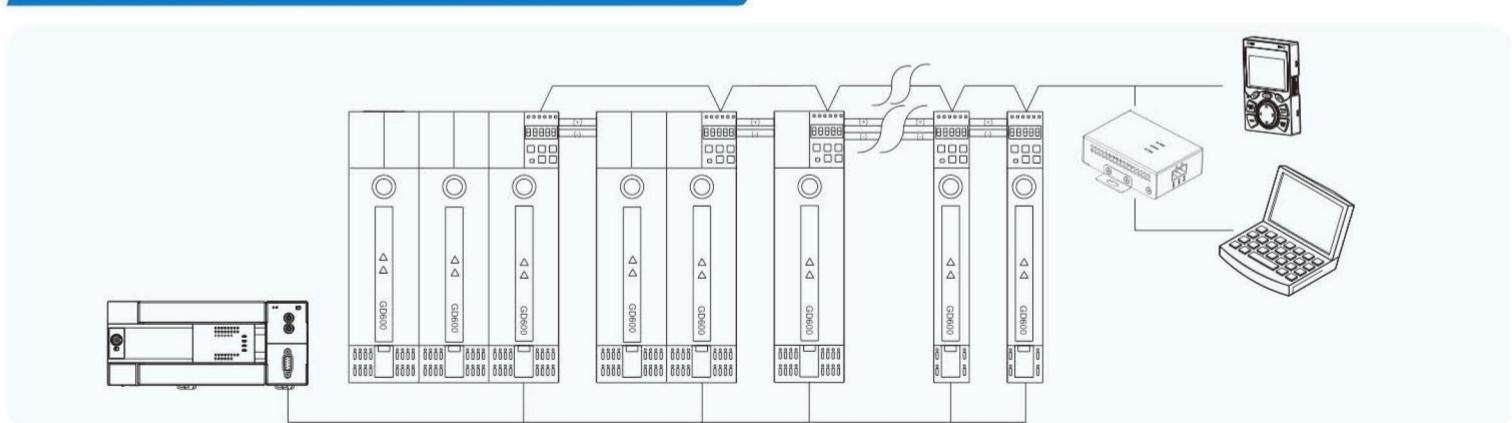
+CANopen



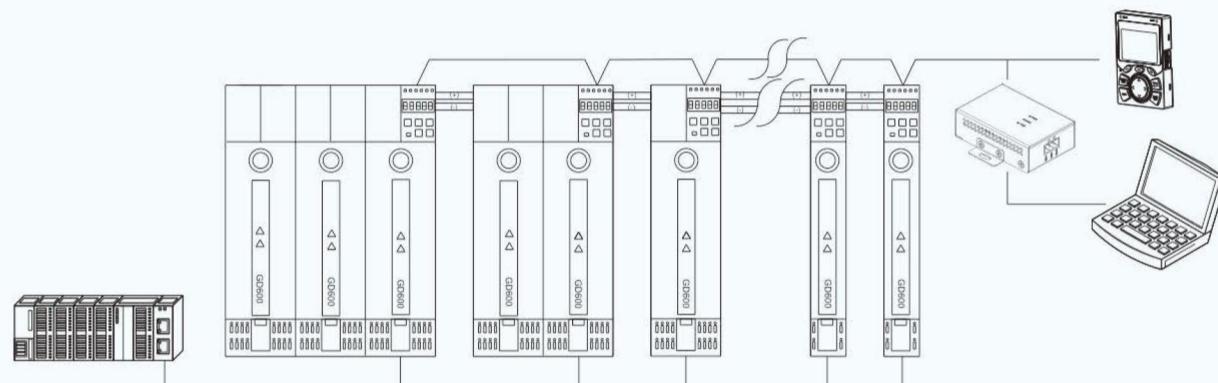
+ CANopen



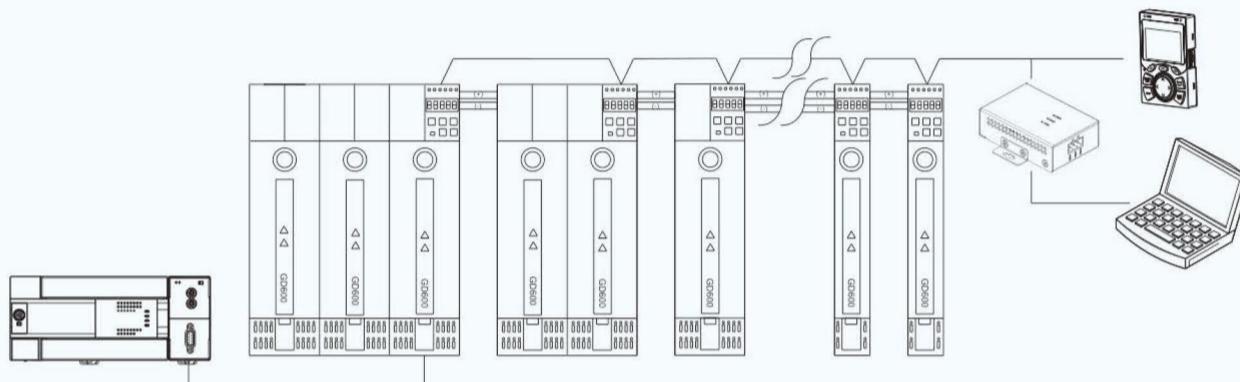
+PROFIBUS-DP



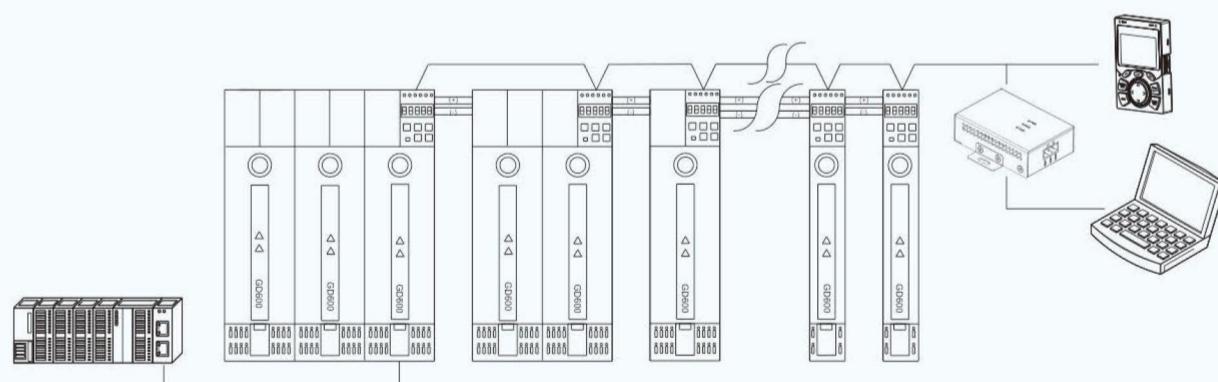
+ PROFINET/ EtherCAT



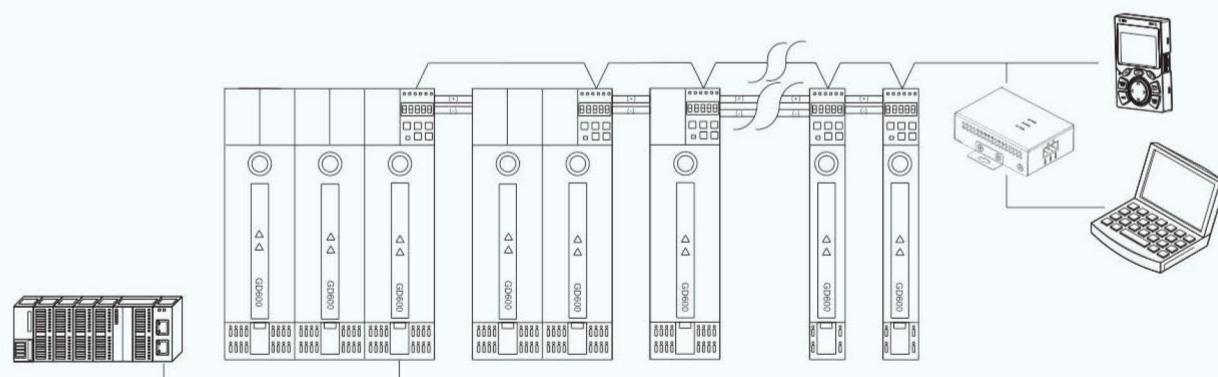
+ PROFIBUS-DP/CANopen



+ PROFINET/CANopen



+ EtherCAT/CANopen



	()	0~400	
	()	1,0-15	SVPWM, SVC, VC
		1:200(SVC); 1:1000(VC)	1:20(SVC);
		$\pm 0.2\%$ (SVC), $\pm 0.02\%$ (VC)	
		$\pm 0.3\%$ (SVC), $\pm 0.02\%$ (VC)	
		<20ms(SVC); <10ms(VC)	
		$\pm 10\%$ (SVC); $\pm 5\%$ (VC)	
		: 0,25 /150 % VC : 2,5 /150 % (SVC) 0 /200% (VC)	
		150%: 1 ; 180%: 10 ; 200%: 1 ;	
		- , MODBUS, PROFIBUS, PROFINET, ETHERCAT	
		2, AI: 0~10 /0~20 , AI2: -10-10 : 20	
		1, A01: 0~10 /0~20	
		4 , : 1 , : 3,3	
		1 Y	
		2 R01A NO, R01B NC, R01C R02A NO, R02B NC, R02C : 3A/AC250 , 1A/DC30	
		1 RS485 Modbus; 1 CAN	
		2 : 1, 2; PG,	
		30	
		-10~50°C, 40°C	
		IP20	
		2	

GD600-71-045-4-B

(1)

(2)

(3)

(4)

(5)

	①	GD600:		Gooddrive600
	②	51 :	71 :	
	③	045: 45		
	④	4: AC 3PH 380 (-15%)~440 (+10%)		: 380
	⑤		B: 100~200	

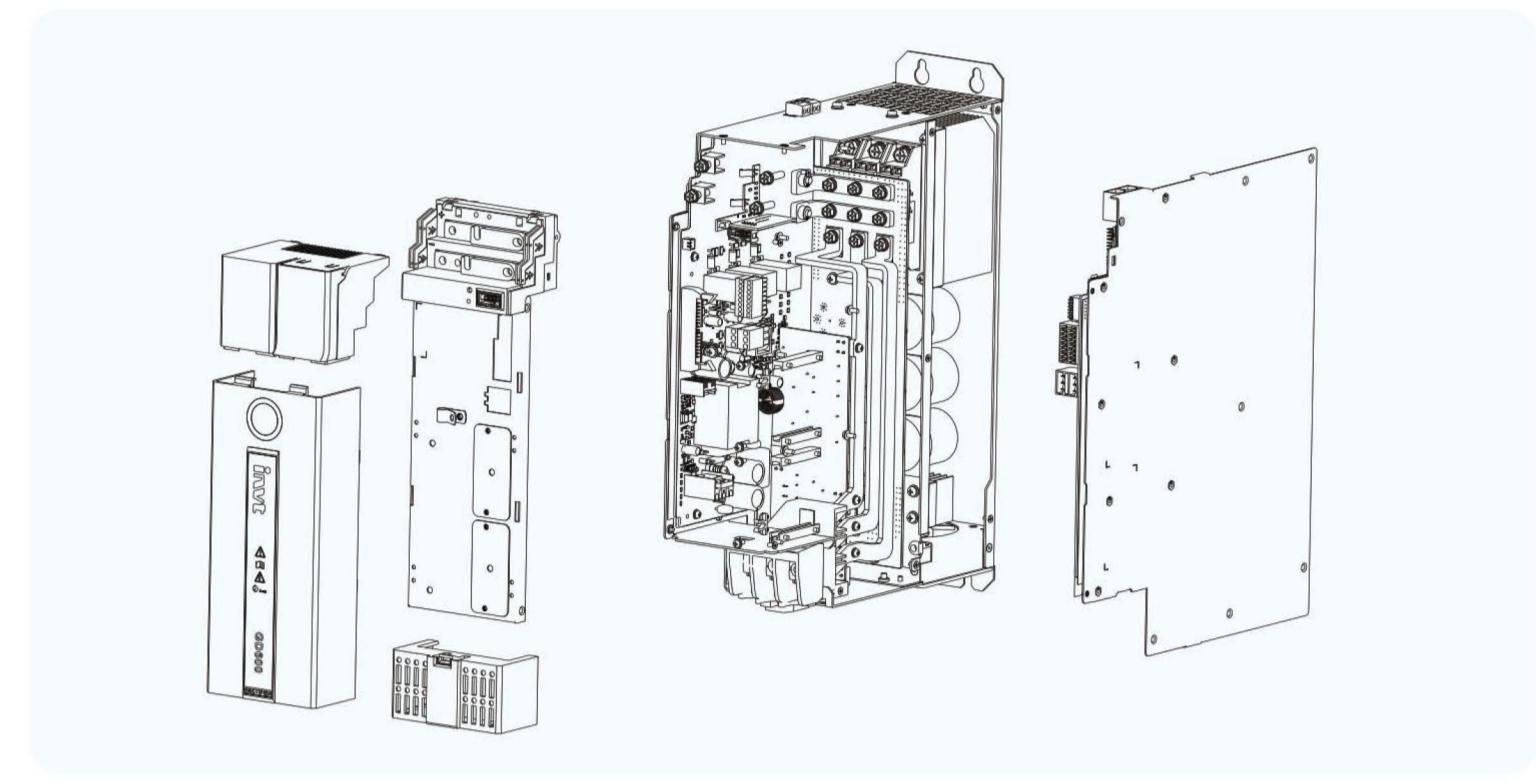
	45	160	355	1.5~7.5	11~37	45~75
()	100*355*350	300*355*350	180*805*423	50*355*350	100*355*350	200*355*350

:

PG

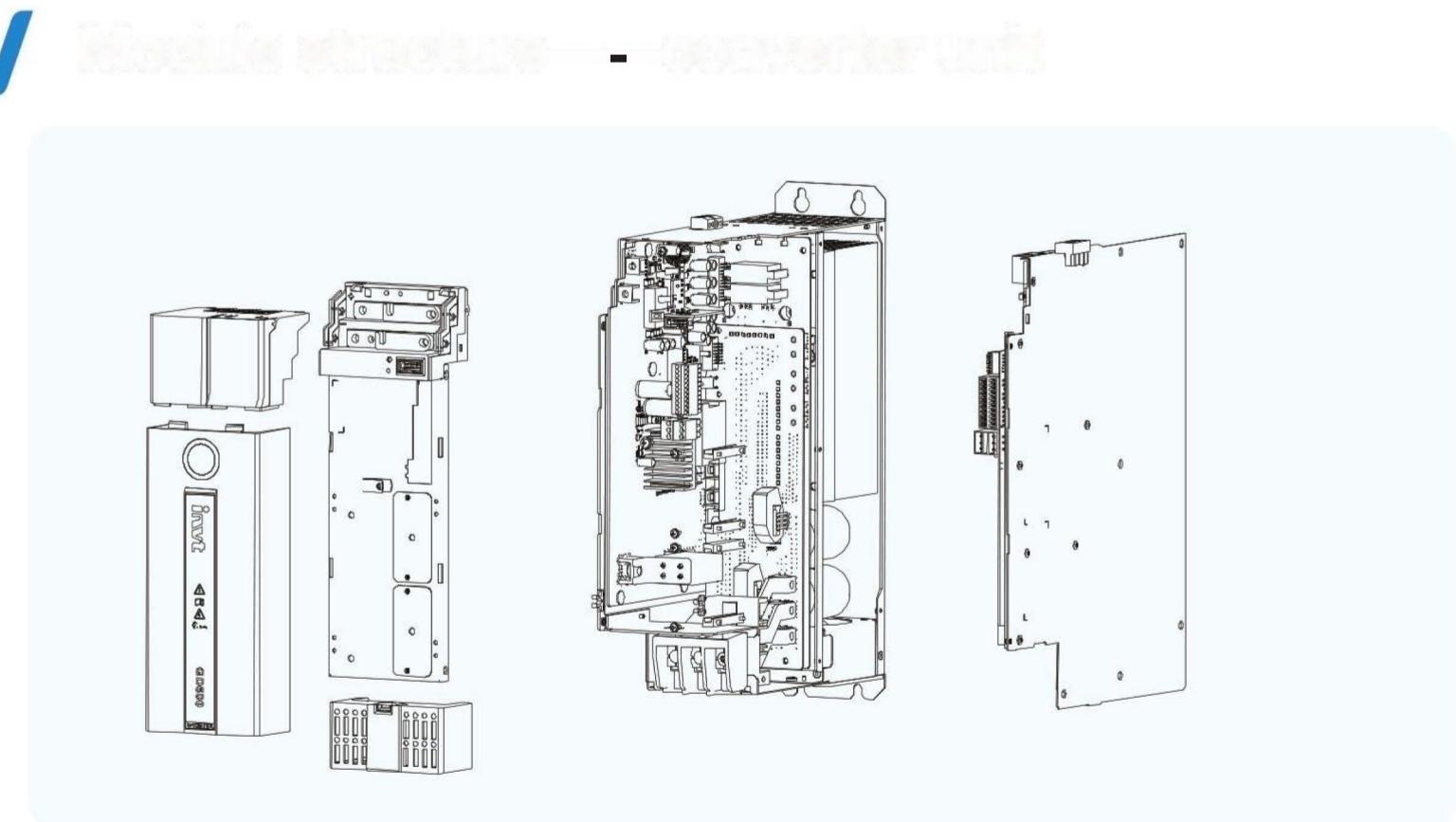
PG ()

I/O (/)



Power supply unit selection

	: AC 3 380 (-15%)~440 (+10%),					: DC 457 ~684	
	()	()	()	D ()	DC- ()		()
GD600-71-045-4-B	45	76	110	135	200		≥ 6.4
GD600-71-160-4	160	215	320	380	200	DBU100H- 320-4	≥ 2.2
GD600-71-355-4	355	433	625	766	200	DBU100H-320-4×2	$\geq 2.2*2$



	()	DC ()	DC ()	DC- ()	()	()
GD600-51-1R5-4	1.5	3.6	3.7	100	1.5	2
GD600-51-2R2-4	2.2	5.5	5.5	100	2.2	3
GD600-51-004-4	4	9.6	9.5	100	3.7	5
GD600-51-5R5-4	5.5	14.2	14	100	5.5	7.5
GD600-51-7R5-4	7.5	19	18.5	100	7.5	10
GD600-51-011-4	11	26	25	200	11	15
GD600-51-015-4	15	33	32	200	15	20
GD600-51-018-4	18.5	40	38	200	18.5	25
GD600-51-022-4	22	47	45	200	22	30
GD600-51-030-4	30	62	60	200	30	40
GD600-51-037-4	37	79	75	200	37	50
GD600-51-045-4	45	97	92	200	45	60
GD600-51-055-4	55	121	115	200	55	75
GD600-51-075-4	75	158	150	200	75	100

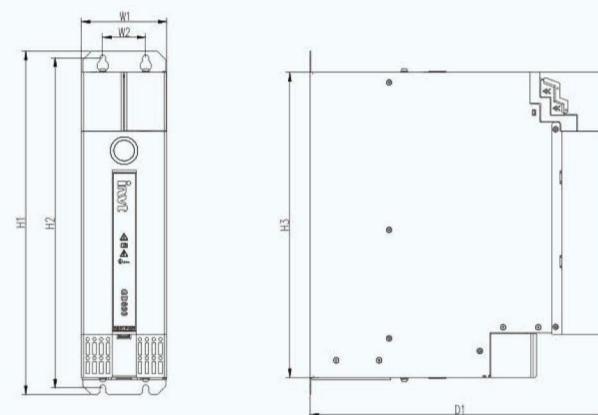
 ()	EC-PG705-12	PG-		200 ; 5V OC	OC		5	12 ;
	EC-PG704	PG-		200 ; 5V OC	/	OC;		
	EC-PG707-24	PG- 24		12 ; 200 ;	OC		5	
	EC-TX703	PROFIBUS-DP		PROFIBUS, 9,6 / ~ 12 /				
	EC-TX709	PROFINET		PROFINET;	100	/		
	EC-TX704	EtherCAT	Ethernet- INVTLINK	INVTLINK; INVTL Workshops ()				
	EC-TX708	EtherCAT		EtherCAT.			EtherCAT. 100 / .	
	EC-PC701-01		4DI, 2RO; 64 ; IL, SF, FBD, LD, CFC, SFC . .		128 ;			
 I/O	EC-IO702	I/O	2 DI, 1 AI, 1 RO, 4 / PT1OO / PT1000 / NTC			(KTY84- 130)		

Optional parts and accessories

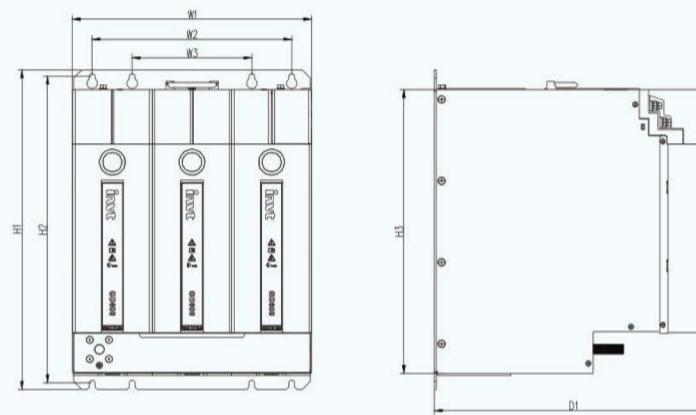
		SOP-600-01 19005-00149 37005-00022	- , 3	
DC-		GD600-CON1 GD600-CON2	100A 200A	(7,5) (11) 45/60
		GD600-SH1 GD600-SH2	50 100	(1,5 - 7,5) (11 - 37)
		GD600-FLAN1 GD600-FLAN2 GD600-FLAN3 GD600-FLAN4	50 100 200 300	(1,5 - 7,5) (11 - 37) (45) (45 - 75) 160
		GD600-AD1 GD600-AD2 GD600-AD3 GD600-AD4	50 100 200 300	(1,5 - 7,5) (11 - 37) (45) (45 - 75) 160
USB-485		EC-TM485-USB	USB-RS485	RJ45 GD600 USB-485

Optional parts and accessories (continued)

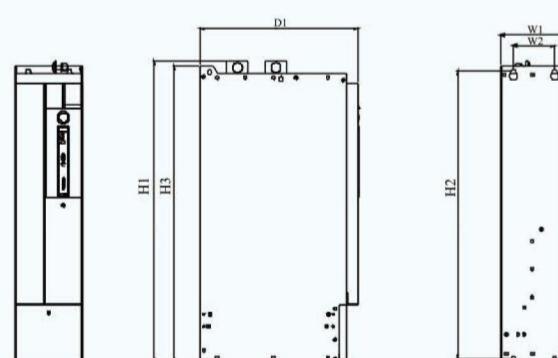
		()		
	GD600-71-045-4-B	45	ACL2-045-4	FLT-P04100L-B
	GD600-71-160-4	160	ACL2-160-4	FLT-P04400L-B
	GD600-71-350-4	350	ACL2-350-4	FLT-P04800L-B
	GD600-51-1R5-4	1.5	OCL2-1R5-4	
	GD600-51-2R2-4	2.2	OCL2-2R2-4	FLT-L04006L-B
	GD600-51-004-4	4	OCL2-004-4	
	GD600-51-5R5-4	5.5	OCL2-5R5-4	FLT-L04016L-B
	GD600-51-7R5-4	7.5	OCL2-7R5-4	
	GD600-51-011-4	11	OCL2-011-4	FLT-L04032L-B
	GD600-51-015-4	15	OCL2-015-4	
	GD600-51-018-4	18.5	OCL2-018-4	FLT-L04045L-B
	GD600-51-022-4	22	OCL2-022-4	
	GD600-51-030-4	30	OCL2-030-4	FLT-L04065L-B
	GD600-51-037-4	37	OCL2-037-4	
	GD600-51-045-4	45	OCL2-045-4	FLT-L04100L-B
	GD600-51-055-4	55	OCL2-055-4	
	GD600-51-075-4	75	OCL2-075-4	FLT-L04150L-B



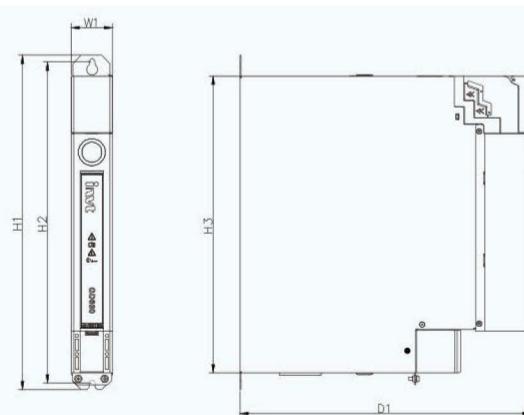
	()	()	()	()				
	W1	H1	D1	W2	H2	H3	()	()
GD600-71-045-4-B	100	400	350	50	384	355	Φ7	9



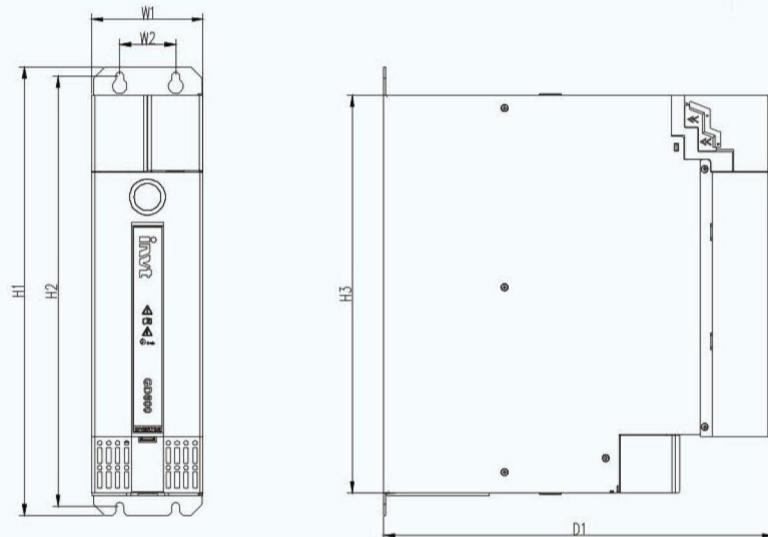
	()	()	()					
	W1	H1	D1	W2	W3	H2	H3	()
GD600-71-160-4	300	350	250	250	150	384	355	Φ7



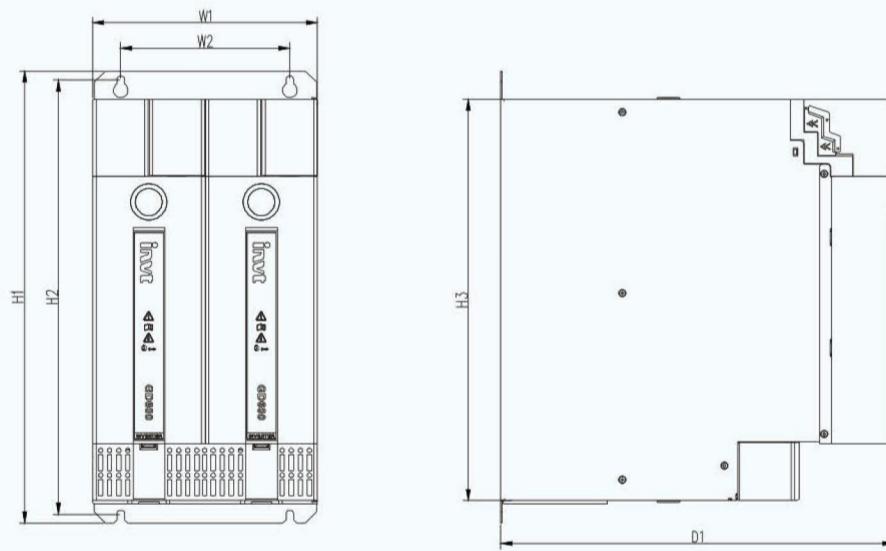
	()	()	()					
	W1	H1	D1	W2	H2	H3	()	()
GD600-71-355-4	180	805	423	110	767.5	790	Φ11	42.6



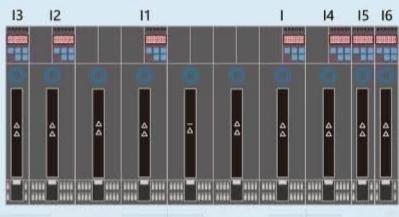
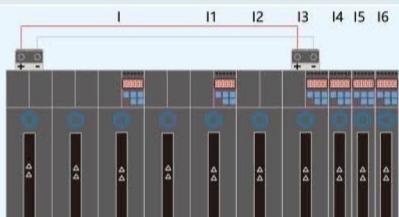
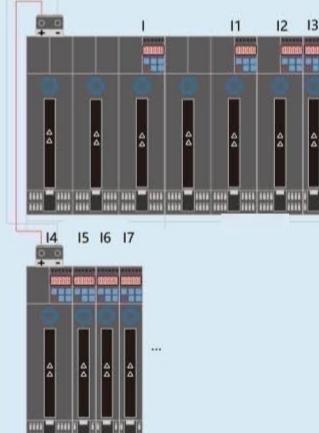
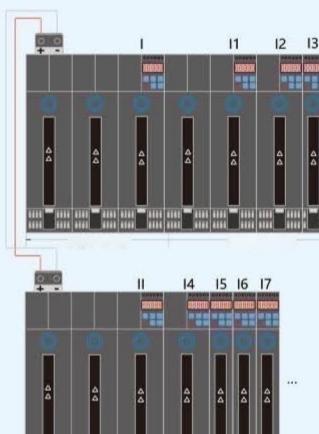
	()						()	()
	W1	H1	D1	W2	H2	H3		
GD600-51-1R5-4	50	400	350	-	384	355	Φ7	4
GD600-51-2R2-4	50	400	350	-	384	355	Φ7	4
GD600-51-004-4	50	400	350	-	384	355	Φ7	4
GD600-51-5R5-4	50	400	350	-	384	355	Φ7	4
GD600-51-7R5-4	50	400	350	-	384	355	Φ7	4

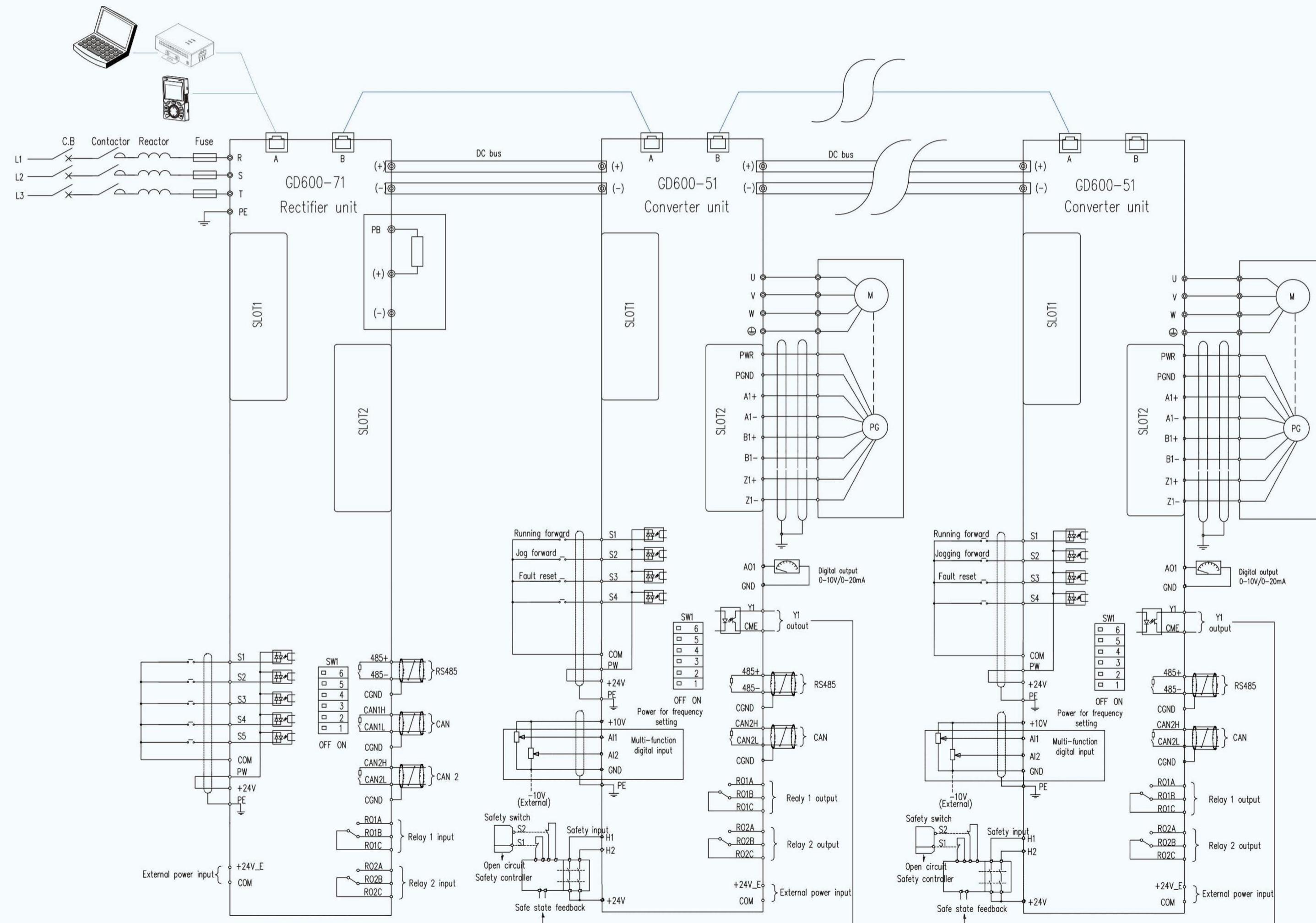


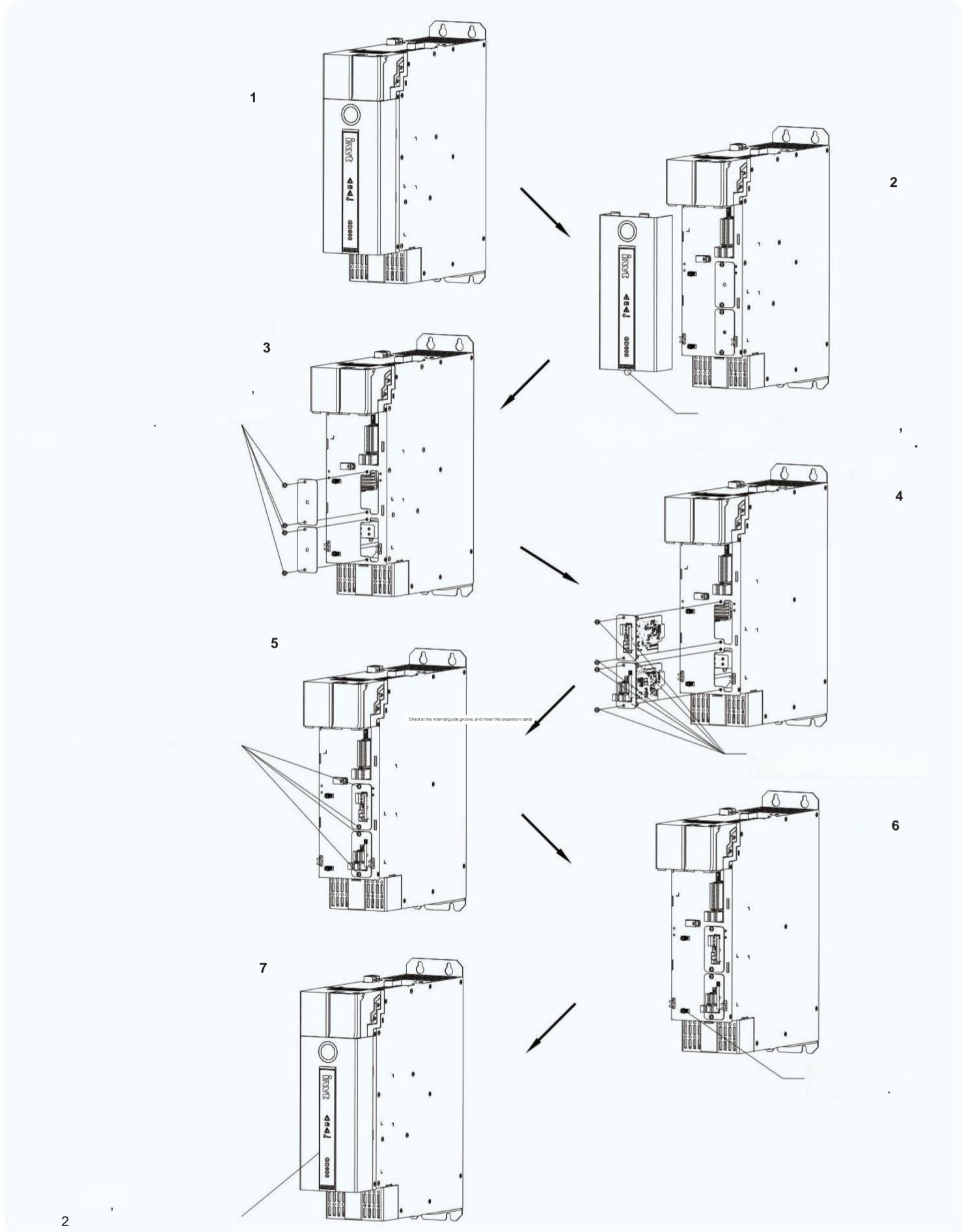
	()						()	()
	W1	H1	D1	W2	H2	H3		
GD600-51-011-4	100	400	350	50	384	355	Φ7	9
GD600-51-015-4	100	400	350	50	384	355	Φ7	9
GD600-51-018-4	100	400	350	50	384	355	Φ7	9
GD600-51-022-4	100	400	350	50	384	355	Φ7	9
GD600-51-030-4	100	400	350	50	384	355	Φ7	9
GD600-51-037-4	100	400	350	50	384	355	Φ7	9



	()						()	()
	W1	H1	D1	W2	H2	H3		
GD600-51-045-4	200	400	350	150	384	355	Φ7	18
GD600-51-055-4	200	400	350	150	384	355	Φ7	18
GD600-51-075-4	200	400	350	150	384	355	Φ7	18

/	 <p>()</p>	$I \geq 0.8 * (I_1 + I_2 + I_3 + I_4 + I_5 + I_6 + I_7 + \dots)$ $I_1 + I_2 + I_3 + \dots \leq 200A$ $I_4 + I_5 + I_6 + I_7 + \dots \leq 200A$ $I_5 + I_6 + I_7 + \dots \leq 100A$ $I_3 + \dots \leq 100A$
DC-	 <p>(DC-)</p>	$I \geq 0.8 * (I_1 + I_2 + I_3 + I_4 + I_5 + I_6 + \dots)$ $I_1 + I_2 \leq 200A$ $I_3 + I_4 + I_5 + I_6 + \dots \leq 200A$ $I_4 + I_5 + I_6 + \dots \leq 100A$
()	 <p>()</p>	$I \geq 0.8 * (I_1 + I_2 + I_3 + I_4 + I_5 + I_6 + I_7 + \dots)$ $I_1 + I_2 + I_3 + \dots \leq 200A$ $I_4 + I_5 + I_6 + I_7 + \dots \leq 200A$ $I_5 + I_6 + I_7 + \dots \leq 100A$ $I_3 + \dots \leq 100A$
()	 <p>()</p>	$I + II \geq 0.8 * (I_1 + I_2 + I_3 + I_4 + I_5 + I_6 + I_7 + \dots)$ $I / II \approx (I_1 + I_2 + I_3 + \dots) / (I_4 + I_5 + I_6 + I_7 + \dots)$ $I_1 + I_2 + I_3 + \dots \leq 200A$ $I_4 + I_5 + I_6 + I_7 + \dots \leq 200A$ $I_5 + I_6 + I_7 + \dots \leq 100A$ $I_3 + \dots \leq 100A$



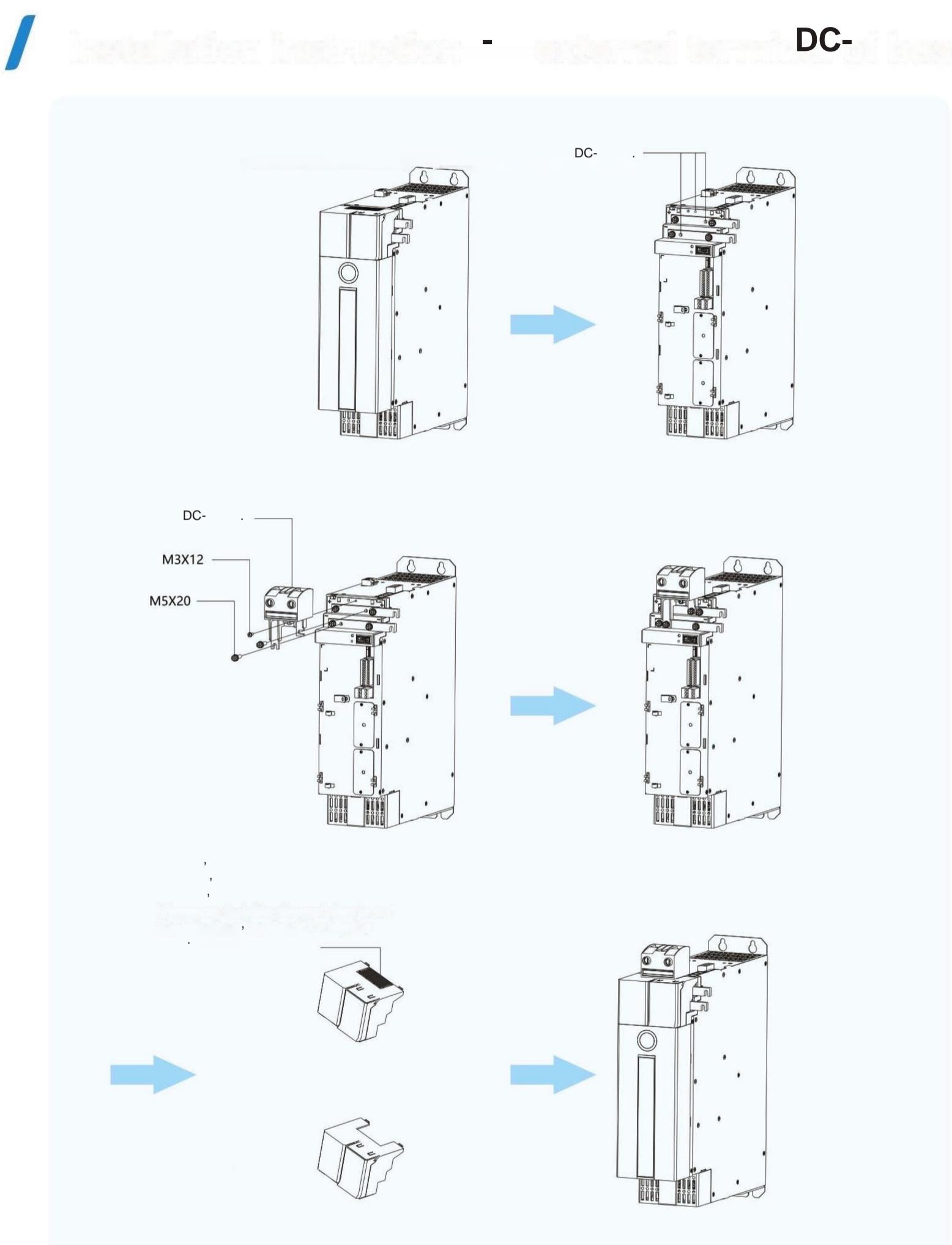


1.
2.
3.

SLOT1 SLOT2.

SLOT 2

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: 3: 5-6 : M5: 25 -28



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Service line:86-755-23535967 E-mail:overseas@invt.com.cn Website:www.invtec.com

SHENZHEN INVTEC ELECTRIC CO., LTD.

INVTEC Guangming Technology Building, Songbai Road, Matian, Guangming District, Shenzhen, China

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- Servo & Motion Control
- HMI
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- Online Energy Management System

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