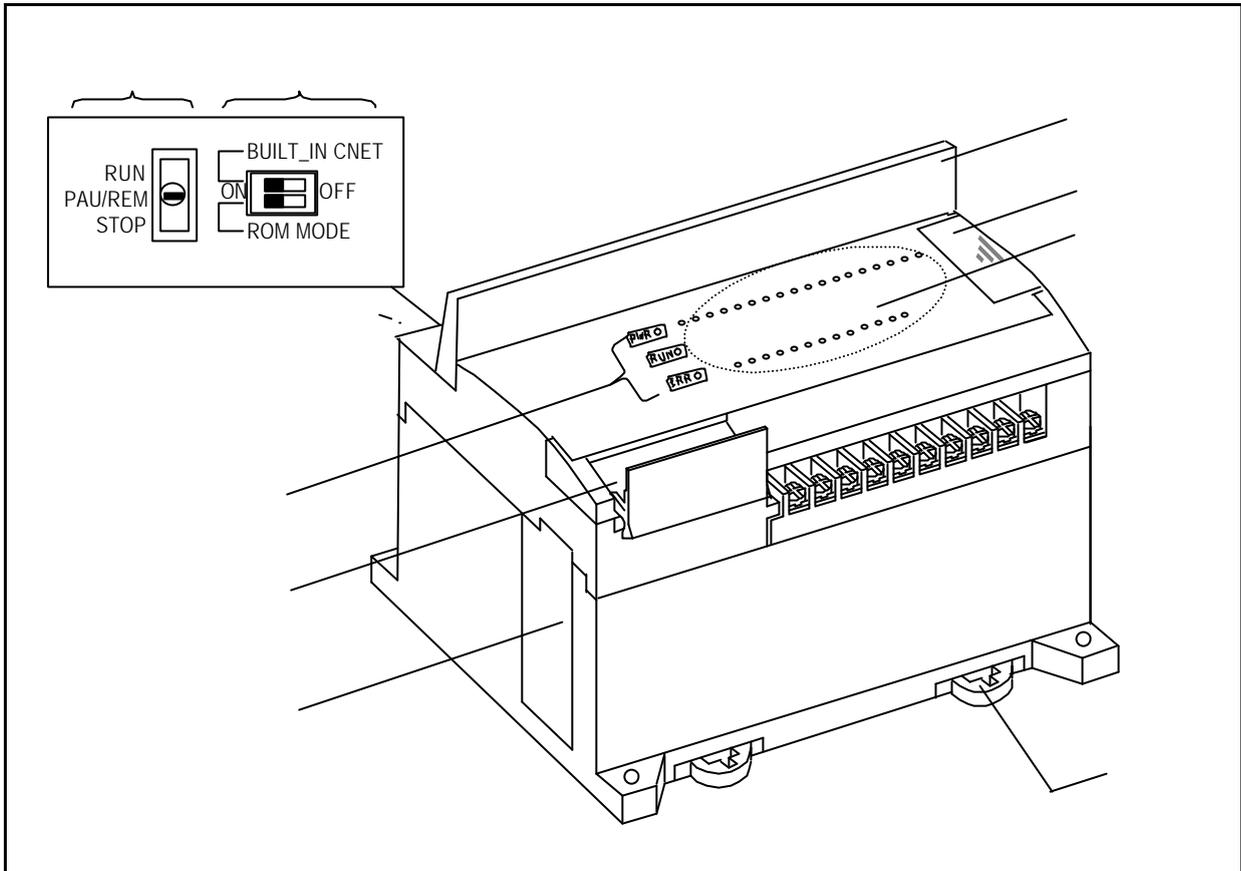


## Chapter 4. Names of Parts

### 4.1 Base Unit

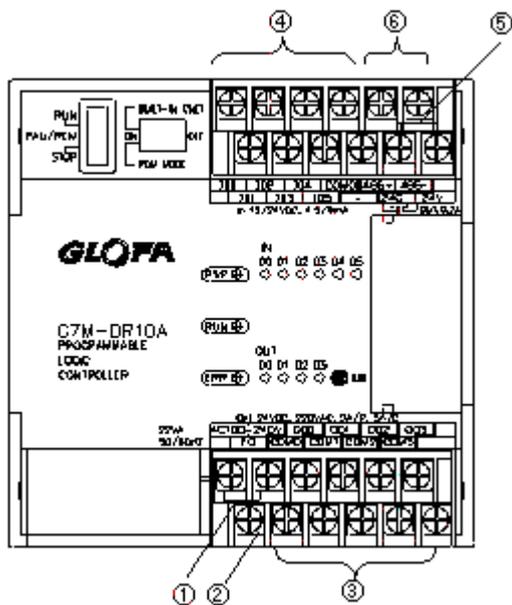


No	Name		
1	CPU Condition LED Indication	PWR LED	Indicates power supply to the system <ul style="list-style-type: none"> <li>• On: When the supply is normal</li> <li>• Off: When the supply is abnormal</li> </ul>
		RUN LED	Indicates base unit operation <ul style="list-style-type: none"> <li>• On: Indicates local key switch or remote running mode</li> <li>• Off: with the following led gets off                      Without normal power supply to the base unit                      While key switch is stopped                      Detecting an error makes operation stop</li> </ul>
		ERR LED	Indicates Base Units operation <ul style="list-style-type: none"> <li>• On/Off of led: self-inspected error</li> <li>• Off: CPU is normally working.</li> </ul>
2	I/O LED		Indicates I/O operating status
3	Folder for battery installation		Folder for back-up battery installation

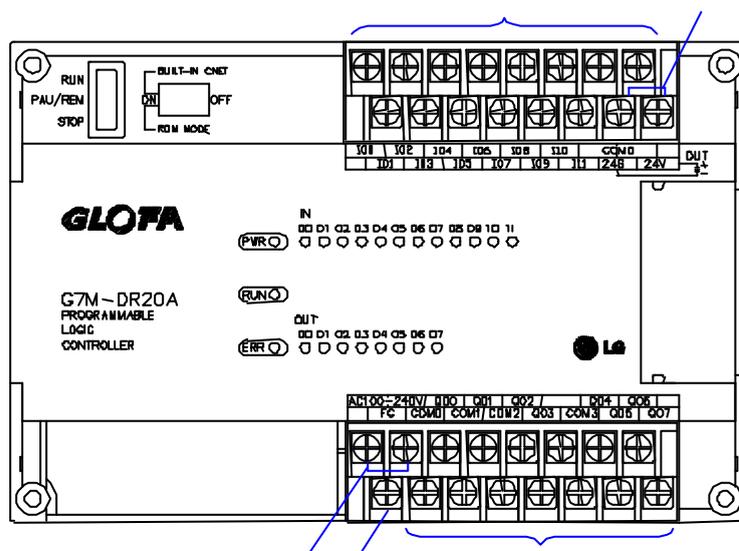
## Chapter 4. Names of Parts

No	Name	
4	Key switch mode creation	Indicates base units drive mode <ul style="list-style-type: none"><li>• RUN: Indicates program operation</li><li>• STOP: Stopped program operation</li><li>• PAU / REM: usage of each modules are as follows: PAUSE : temporary stopping program operation REMOTE : Indicates remote drive</li></ul>
5	Dip-switch memory operation	See Chapter 5
6	RS-232C connector	9-pin DIN connector to connect with external devices like GMWIN
7	Expansion connector cover	Connector cover to connect with expansion unit
8	Terminal block cover	Protection cover for wiring of terminal block
9	Private hook DIN rail	Private part hook for DIN rail

4.1.1 10-point base unit

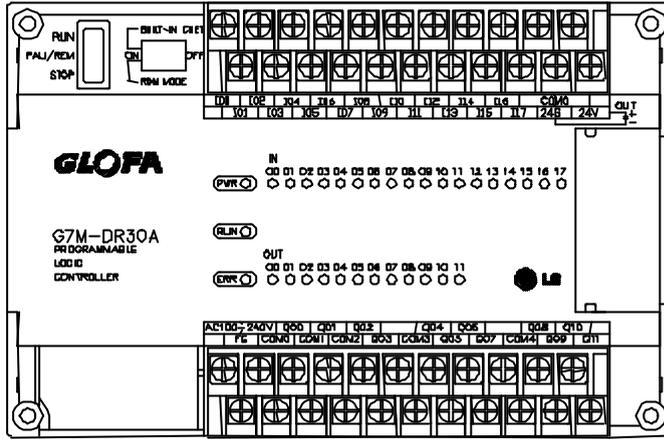


4.1.2 20-point base unit

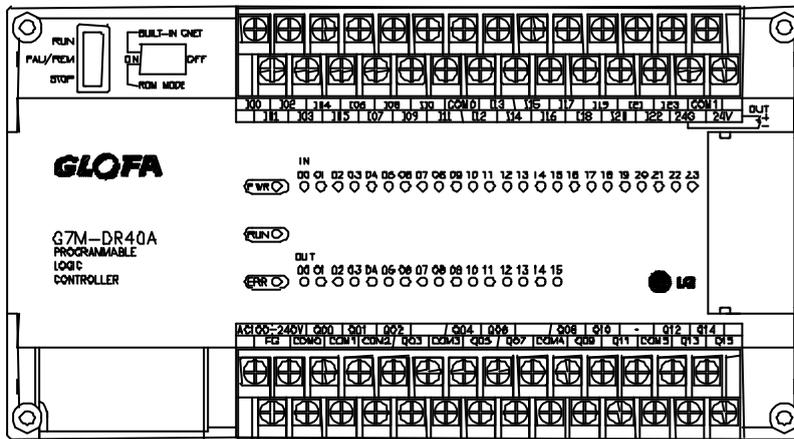


No.	Name	Usage
1	Terminal block for power supply	Terminal blocks for power supply (AC 100V ~ 240V or DC12 ~ 24V))
2	FG circuit	Frame ground (AC power model)
	LG circuit	Line ground (DC power model)
3	Output circuit	Output connecting current
4	Input circuit	Connecting input current
5	DC24V, 24G circuit	Service power supply for DC 24V needed place
6	RS-485 communication terminal	Terminal block for RS-485 communication (10-point base unit only)

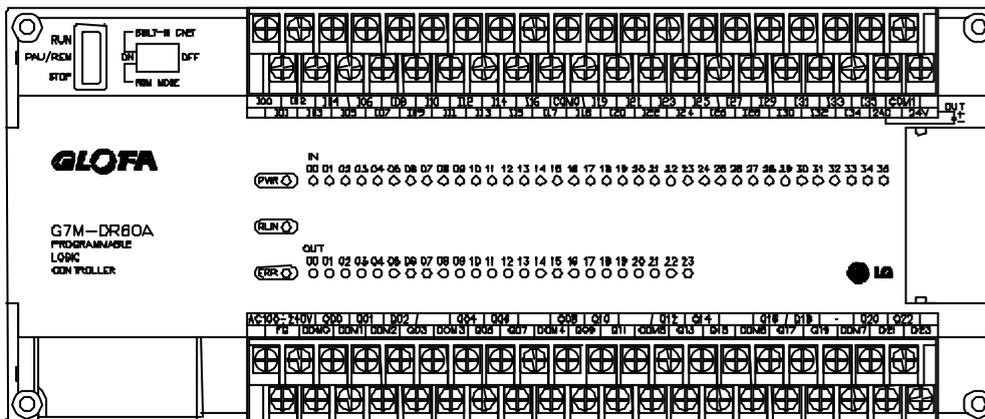
4.1.3 30-points base unit



4.1.4 40-points base unit

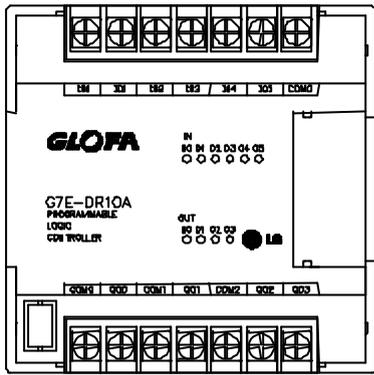


4.1.5 60-points base unit

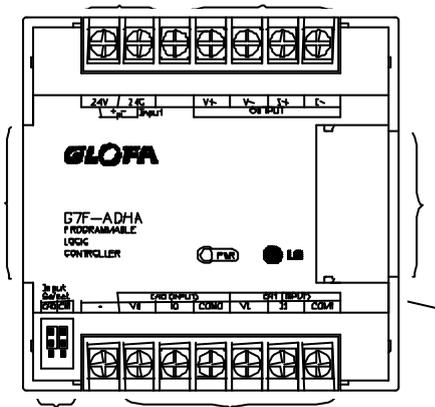


**4.2 Expansion Module**

4.2.1 Digital I/O Module

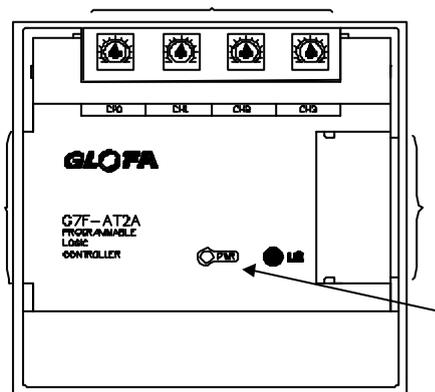


4.2.2 A/D · D/A Combination Module



No.	Names
	RUN LED
	Analog Input Terminal
	Analog Input (Voltage/current) selecting jumper pin
	Analog Output Terminal
	External Power Supply Terminal (DC24V)
	Expansion Cable
	Expansion Cable Connecting Terminal

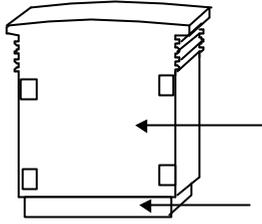
4.2.3 Analog Timer Module



No.	Names
	RUN LED
	Analog Timer Volume Control Resistance
	Expansion Cable
	Expansion Cable Connecting Terminal

### 4.2.4 Option Module

GM7 series have two types of option modules. These modules are attached to the expansion slot of main or expansion unit.



No	Name
1	Option module
2	Connector