



YOSO German quality, Industrie 4.0 best platform



Precise



Controllability



Stable

Focus on the research, development and manufacturing of high-precision servo motors and drivers



AC/DC
SERVO MOTOR

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Website: www.yosomove.com



Whatsapp

YOSO MOTION Servo Driver

CONTENT

AC Servo Series

P02



YSAND2002-20B

- ◆Ratepower: 200W
- ◆Output(A): 1.6A~5.8A
- ◆Match motor
- Frame size:
Ø40mm

P07



YSAND4002-P28

- ◆Ratepower: 400W
- ◆Output(A): 2.8A~9.6A
- ◆Match motor
- Frame size:
Ø60mm

P12



YSAND7502-DB44

- ◆Ratepower: 750W
- ◆Output(A): 5.5A~16.9A
- ◆Match motor
- Frame size:
Ø80mm

P17



YSASND10002

- ◆Ratepower: 1000W
- ◆Output(A): 5.5A~16.9A
- ◆Match motor
- Frame size:
Ø80mm / Ø110mm

P03



YSAND4002-20B

- ◆Ratepower: 400W
- ◆Output(A): 2.8A~9.6A
- ◆Match motor
- Frame size:
Ø60mm

P08



YSAND7502-P28

- ◆Ratepower: 750W
- ◆Output(A): 5.5A~16.9A
- ◆Match motor
- Frame size:
Ø80mm

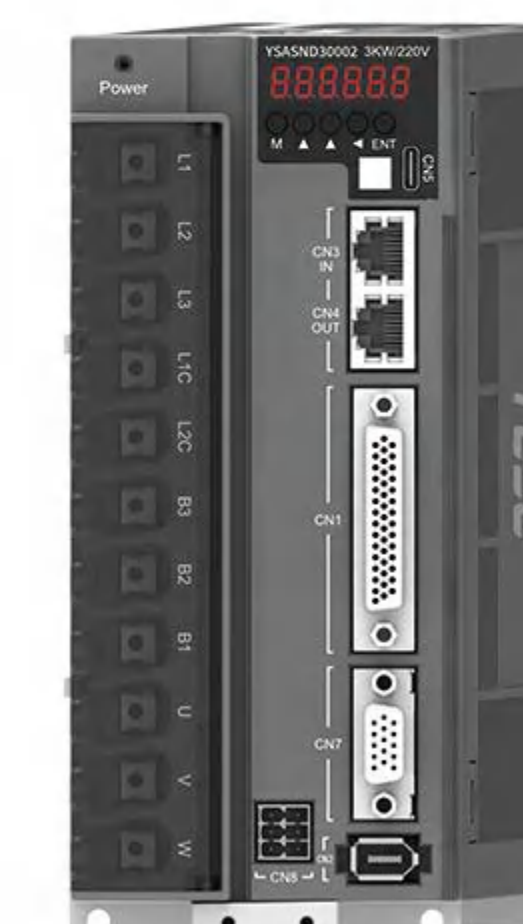
P13



YSAND15002-DB44

- ◆Ratepower: 1500W
- ◆Output(A): 10A~30A
- ◆Match motor
- Frame size:
Ø80mm / Ø110mm / Ø130mm

P18



YSASND30002

- ◆Ratepower: 3000W
- ◆Output(A): 20A~50A
- ◆Match motor
- Frame size:
Ø110mm / Ø130mm

P04



YSAND7502-20B

- ◆Ratepower: 750W
- ◆Output(A): 5.5A~16.9A
- ◆Match motor
- Frame size:
Ø80mm

P09



YSAND15002-P28

- ◆Ratepower: 1500W
- ◆Output(A): 10A~30A
- ◆Match motor
- Frame size:
Ø80mm / Ø110mm / Ø130mm

P14



YSAWD7502

- ◆Ratepower: 750W
- ◆Output(A): 5.5A~16.9A
- ◆Match motor
- Frame size:
Ø60mm / Ø80mm / Ø110mm

P20



YSASND55003

- ◆Ratepower: 5500W
- ◆Output(A): 12A~24A
- ◆Match motor
- Frame size:
Ø180mm

P05



YSAND1002-P28

- ◆Ratepower: 100W
- ◆Output(A): 1.1A~2.9A
- ◆Match motor
- Frame size:
Ø40mm

P10



YSAND2002-DB44

- ◆Ratepower: 200W
- ◆Output(A): 1.6A~5.8A
- ◆Match motor
- Frame size:
Ø40mm

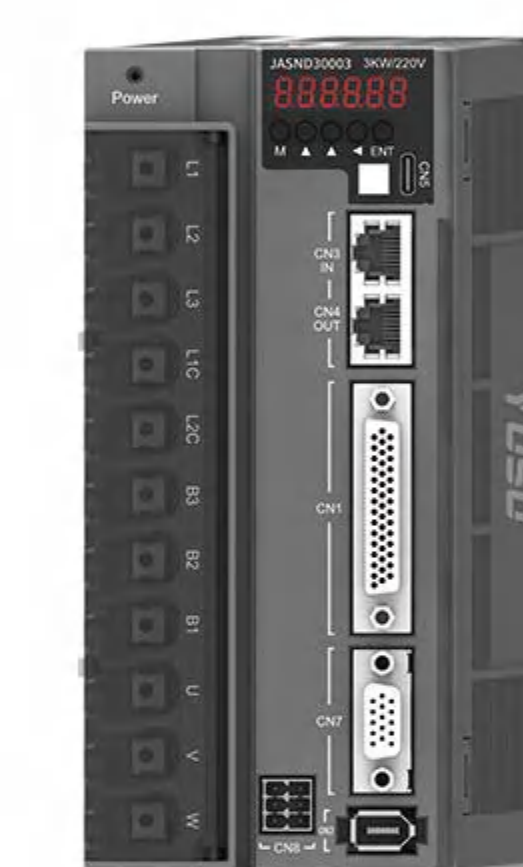
P15



YSAWD15002

- ◆Ratepower: 1500W
- ◆Output(A): 10A~28A
- ◆Match motor
- Frame size:
Ø110mm / Ø130mm

P19



YSASND30003

- ◆Ratepower: 3000W
- ◆Output(A): 6A~12A
- ◆Match motor
- Frame size:
Ø130mm / Ø180mm

P06



YSAND2002-P28

- ◆Ratepower: 200W
- ◆Output(A): 1.6A~5.8A
- ◆Match motor
- Frame size:
Ø40mm

P11



YSAND4002-DB44

- ◆Ratepower: 400W
- ◆Output(A): 2.8A~9.6A
- ◆Match motor
- Frame size:
Ø60mm

P16



YSASND4002

- ◆Ratepower: 400W
- ◆Output(A): 2.8A~9.6A
- ◆Match motor
- Frame size:
Ø40mm

P21



AC Servo Motor

- ◆Output(A): 0.9~16.5A
- ◆Match motor
- Frame size:
Ø40mm / Ø60mm / Ø80mm
Ø110mm / Ø130mm / Ø180mm

YOSO MOTION Servo Driver

CONTENT

Low Voltage Servo Drive

P27



YSCAC610

- ◆Ratepower: 200W
- ◆Output(A): 10A~20A
- ◆Match motor
- Frame size: $\varnothing 40\text{mm}$

P31



YSCAC640

- ◆Ratepower: 1000W/1500W
- ◆Output(A): 40A~80A
- ◆Match motor
- Frame size: $\varnothing 130\text{mm}$

P28



YSCAC825

- ◆Ratepower: 400W
- ◆Output(A): 25A~50A
- ◆Match motor
- Frame size: $\varnothing 60\text{mm}$

P32



YSCAC620-2X

- ◆Ratepower: 350W
- ◆Output(A): 20A~40A
- ◆Match motor
- Frame size: $\varnothing 40\text{mm}$ / $\varnothing 60\text{mm}$ / $\varnothing 80\text{mm}$

P29



YSCAC845

- ◆Ratepower: 750W/1000W
- ◆Output(A): 45A~90A
- ◆Match motor
- Frame size: $\varnothing 80\text{mm}$

P33



DC Servo Motor

- ◆Output(A): 10~82A
- ◆Match motor
- Frame size: $\varnothing 40\text{mm}$
 $\varnothing 60\text{mm}$
 $\varnothing 80\text{mm}$
 $\varnothing 130\text{mm}$

P30



YSCAC8A0

- ◆Ratepower: 3000W
- ◆Output(A): 100A~200A
- ◆Match motor
- Frame size: $\varnothing 130\text{mm}$

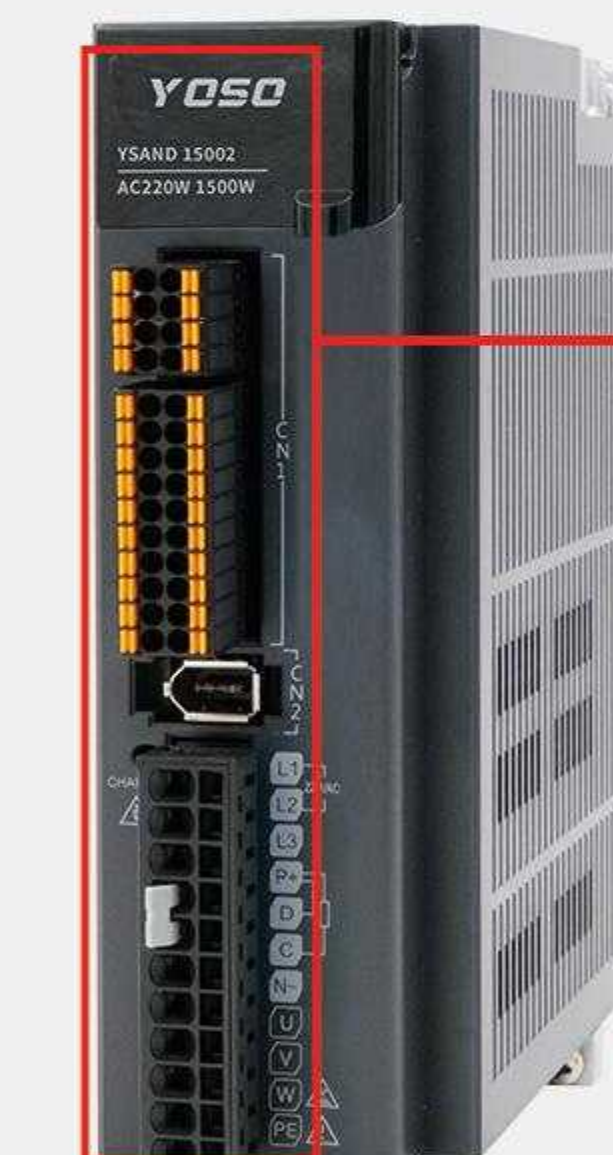
◆ Model Features

YSAND Series



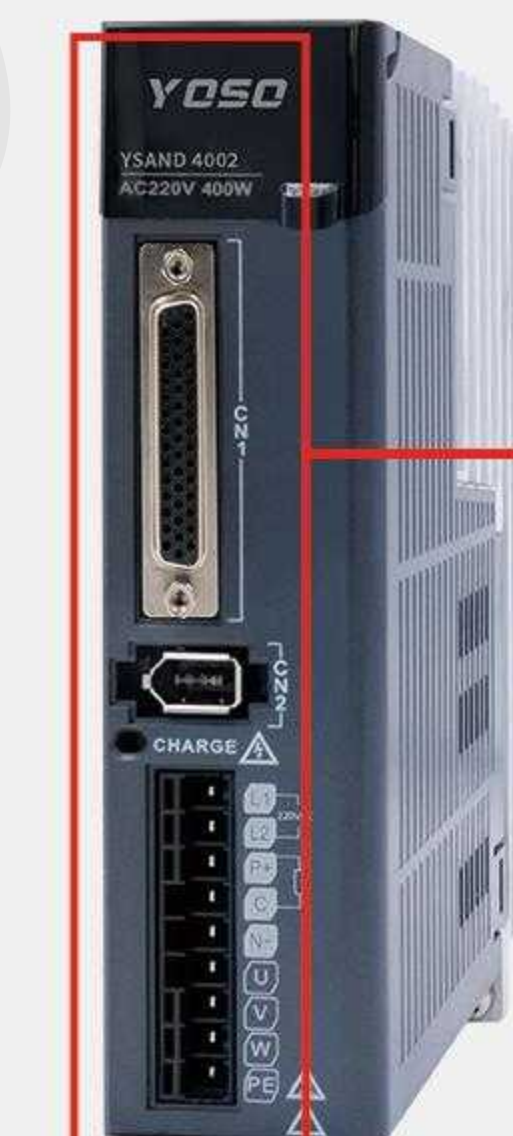
YSAND:Single built-in PCB Board More compact design

P28 Series



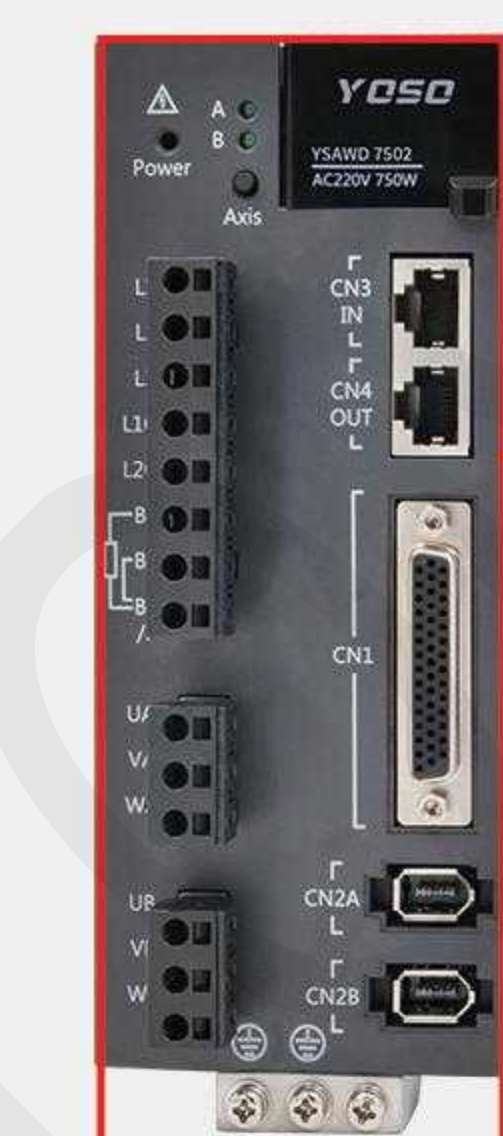
YSAND-P28: Simply Connection (No need welding)

DB44 Series



YSAND-DB44: 44 i/O Ports Design (Meet all i/O Demands)

YSAWD Series



YSAWD: Dual-Axis Design (One Driver Control Two Motors)

YSCAC Series



YSCAC:Extremely short setting time,smooth operation, and minimal vibration when stopping

YSCAC620-2x Series

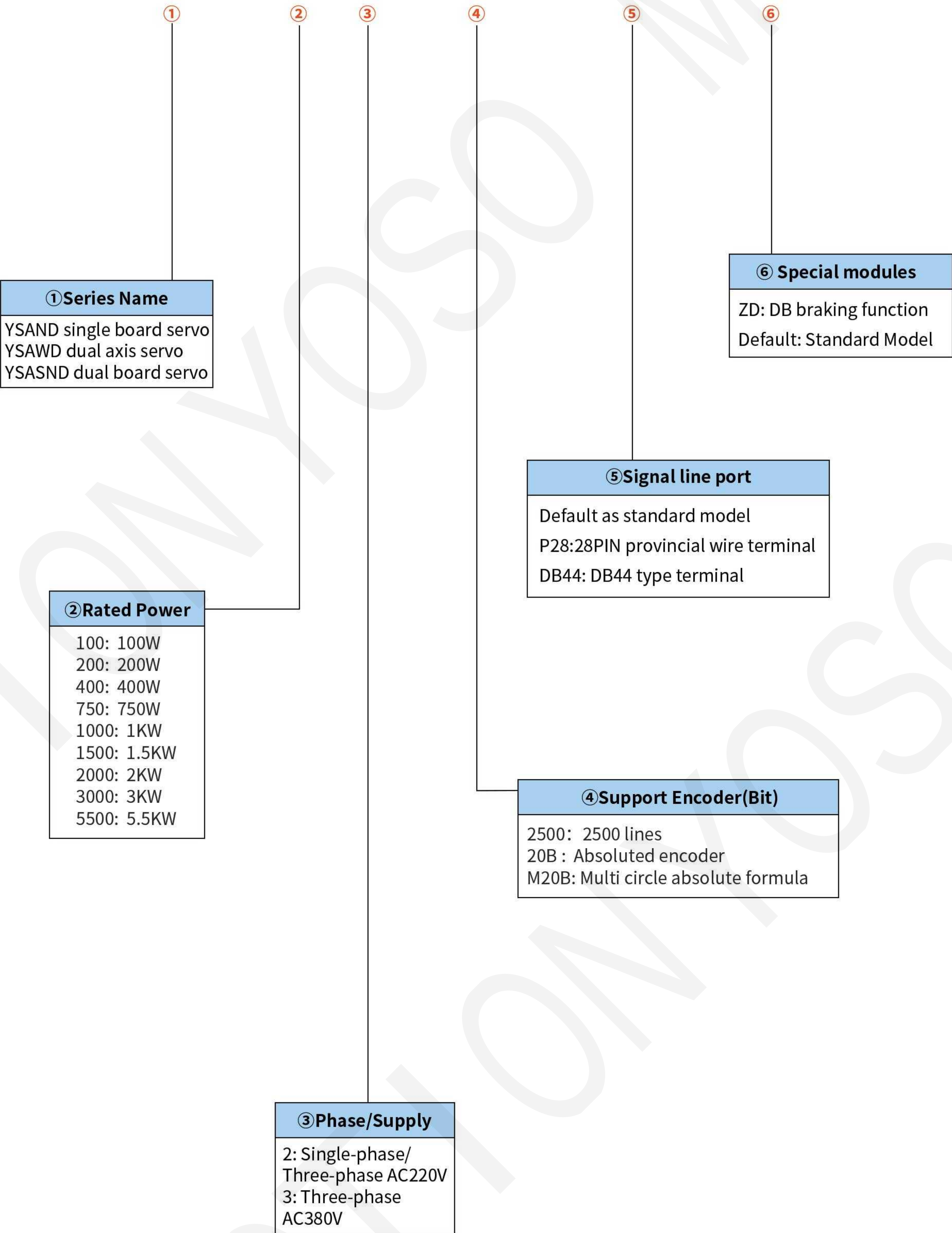


YSCAC620-2X: Dual-axis integrated design, gantry control function, and automatic parameters setting.

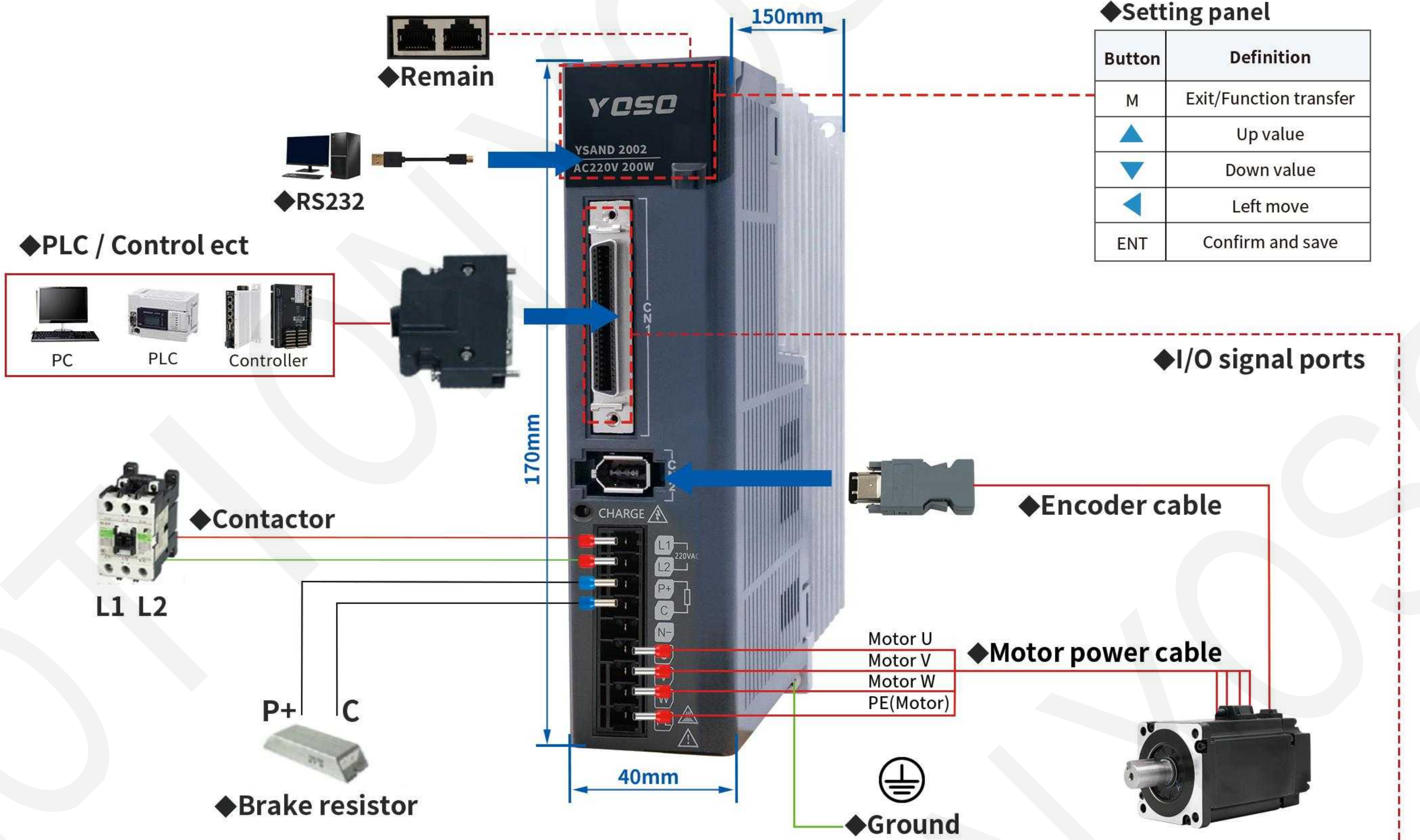
AC Servo Driver

Part Description

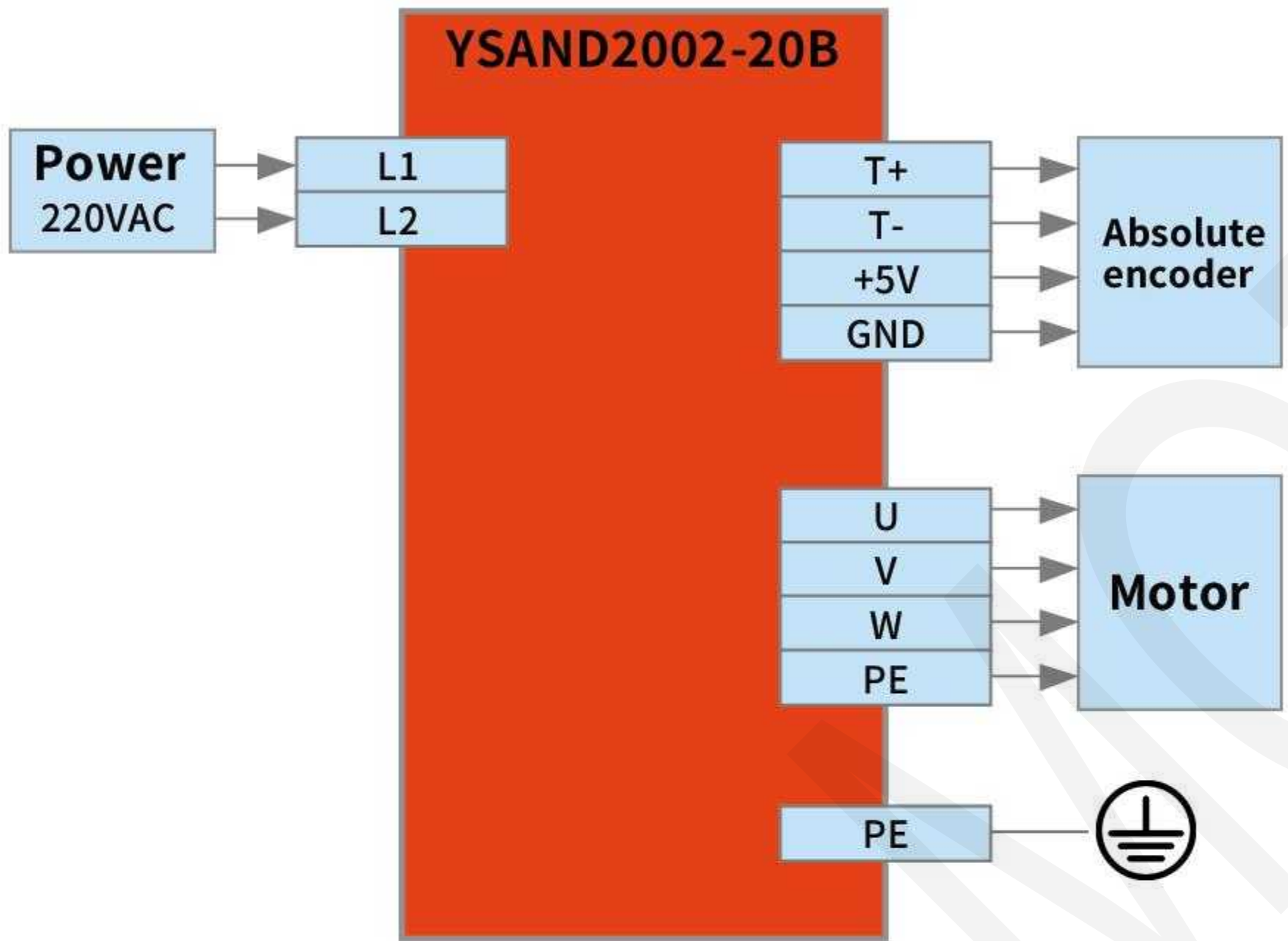
YSAND 400 2 - 20B - DB44 - XX



YSAND2002-20B



Schematic diagram



CN1 I/O signal ports

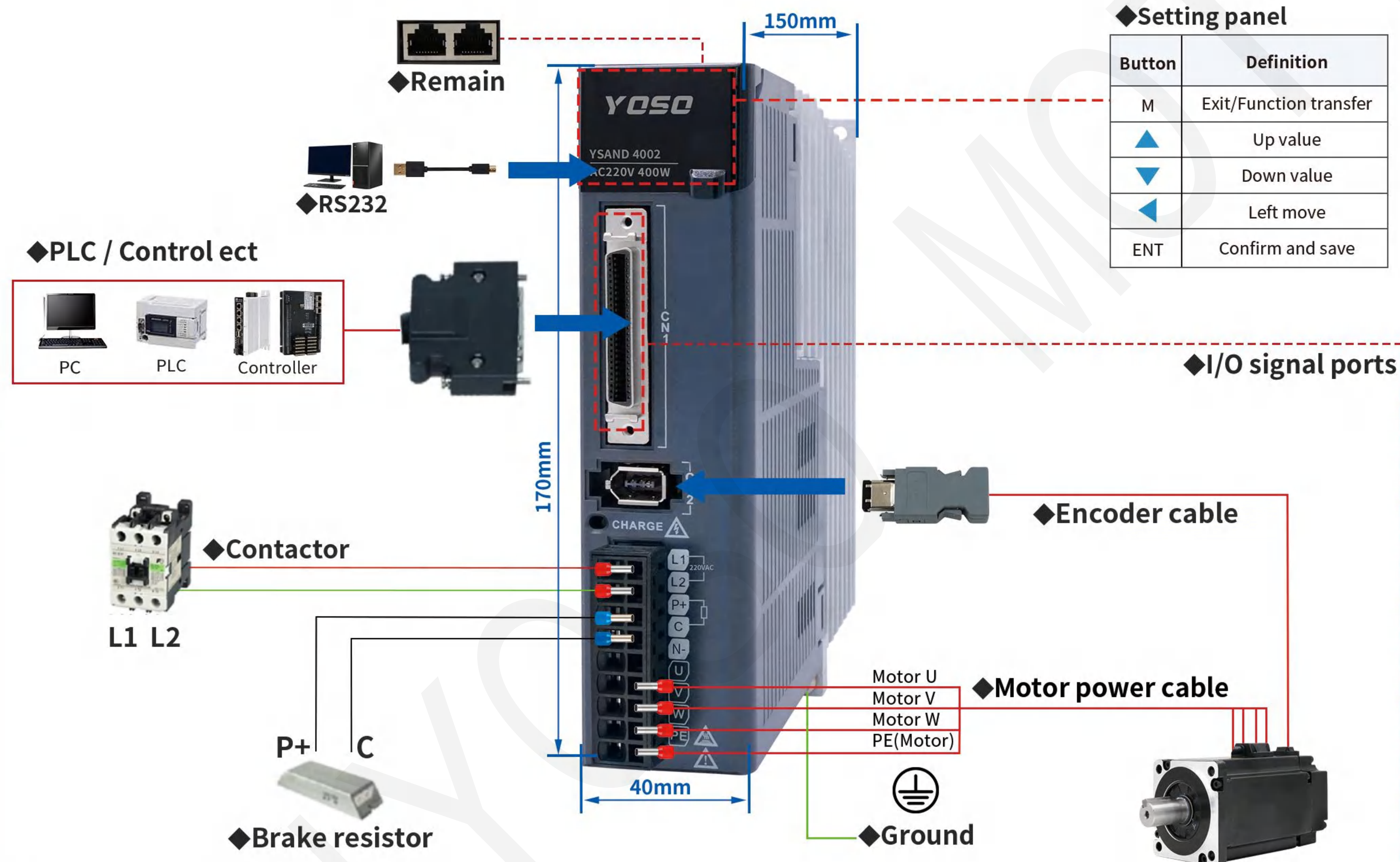
Port	Definition	Port	Definition
① DO4+	Digital output +	②⑥ DO4-	Digital output -
② DO3-	Digital output -	②⑦ DO5-	Digital output -
③ DO3+	Digital output +	②⑧ DO5+	Digital output -
④ DO2-	Digital output -	②⑨ HPUL-	High velocity pulse -
⑤ DO2+	Digital output +	③⑩ DI8+	Digital input -
⑥ DO1-	Digital output -	③⑪ DI7-	Digital input -
⑦ DO1+	Digital output +	③⑫ DI6-	Digital input -
⑧ DI4-	Digital input -	③⑬ DI5-	Digital input -
⑨ DI1-	Digital input -	③⑭ DI3-	Digital input -
⑩ DI2-	Digital input -	③⑮ 24V SIGN+	24V Direction +
⑪ COM+	Common input	③⑯ SIGN+	Direction +
⑫ GNDA	Simulated ground	③⑰ SIGN-	Direction -
⑬ GNDA	Simulated ground	③⑱ HPUL+	Velocity pulse +
⑭ NC	NC	③⑲ 24V PULS+	24V Pulse +
⑮ MON2	Analog monitoring output 2	④⑰ HSIGN-	Velocity direction -
⑯ MON1	Analog monitoring output 1	④⑱ PULS-	Pulse -
⑰ +24V	+24V output (for external I/O)	④⑲ V_REF	Velocity analog +
⑱ T_REF	Torque analog control positive	④⑲ PULS+	Pulse +
⑲ GNDA	Simulated ground	④⑲ GND	Digitally
⑲ +12V	+12V output (for analog)	④⑲ COM	+24V output ground
⑲ OA+	Encoder A-output	④⑲ HSIGN+	Velocity direction +
⑲ OA-	Encoder A-output	④⑲ COM	+24V output ground
⑲ OB-	Encoder B-output	④⑲ EYES	Encoder Z- output
⑲ OZ-	Encoder Z- output	④⑲ COM	+24V output ground
⑲ OB+	Encoder B- output	④⑲ OZ+	Encoder Z- output

Datasheet

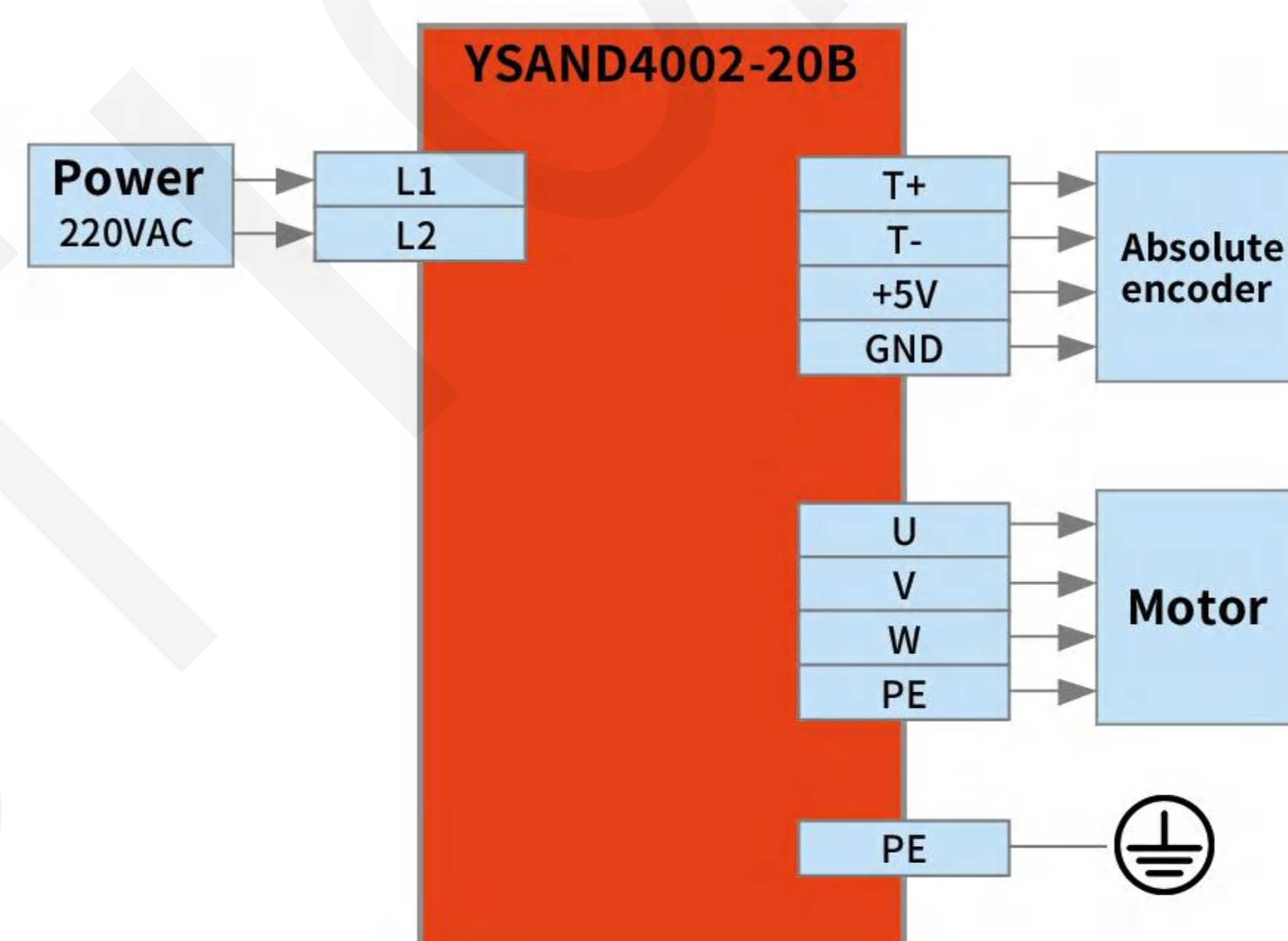
Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	200W	1.6/5.8A	RS485/RS232	Pulse	5~24VDC	0.9kg	40mm

YOSO MOTION Servo Driver

YSAND4002-20B



Schematic diagram



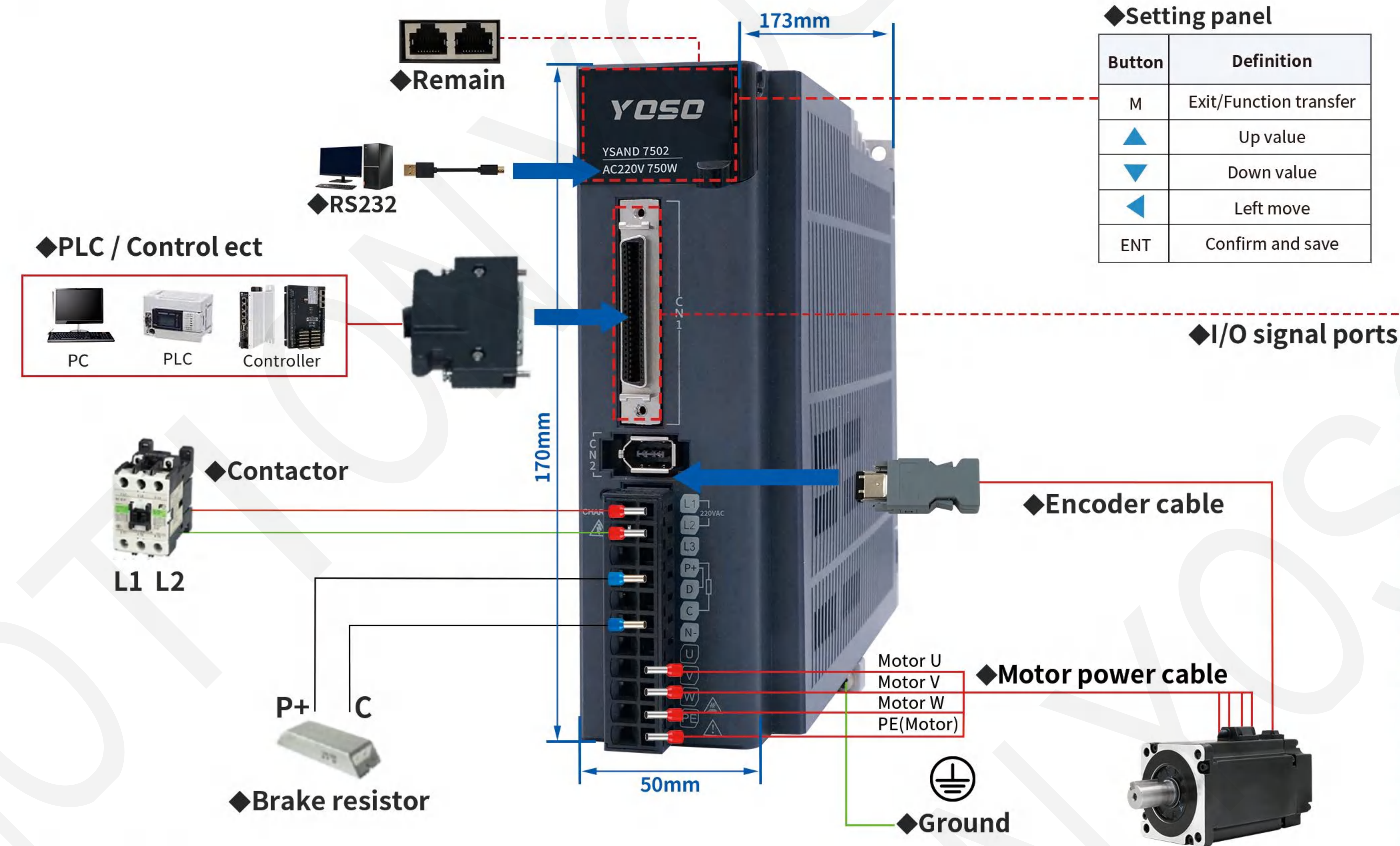
◆CN1 I/O signal ports

Port	Definition	Port	Definition
①DO4+	Digital output +	②⑥DO4-	Digital output -
②DO3-	Digital output -	②⑦DO5-	Digital output -
③DO3+	Digital output +	②⑧DO5+	Digital output -
④DO2-	Digital output -	②⑨HPUL-	High velocity pulse -
⑤DO2+	Digital output +	③⑩DI8+	Digital input -
⑥DO1-	Digital output -	③⑪DI7-	Digital input -
⑦DO1+	Digital output +	③⑫DI6-	Digital input -
⑧DI4-	Digital input -	③⑬DI5-	Digital input -
⑨DI1-	Digital input -	③⑭DI3-	Digital input -
⑩DI2-	Digital input -	③⑮24V SIGN +	24V Direction +
⑪COM+	Common input	③⑯SIGN +	Direction +
⑫GNDA	Simulated ground	③⑰SIGN -	Direction -
⑬GNDA	Simulated ground	③⑱HPUL +	Velocity pulse +
⑭NC	NC	③⑲24V PULS +	24V Pulse +
⑮MON2	Analog monitoring output 2	④⑰HSIGN -	Velocity direction -
⑯MON1	Analog monitoring output 1	④⑱PULS -	Pulse -
⑰+24V	+24V output (for external I/O)	④⑲V_REF	Velocity analog +
⑱T_REF	Torque analog control positive	④⑲PULS +	Pulse +
⑲GNDA	Simulated ground	④⑲GND	Digitally
⑲+12V	+12V output (for analog)	④⑲COM	+24V output ground
⑲OA+	Encoder A - output	④⑲HSIGN +	Velocity direction +
⑲OA-	Encoder A - output	④⑲COM	+24V output ground
⑲OB-	Encoder B - output	④⑲EYES	Encoder Z - output
⑲OZ-	Encoder Z - output	④⑲COM	+24V output ground
⑲OB+	Encoder B - output	④⑲OZ +	Encoder Z - output

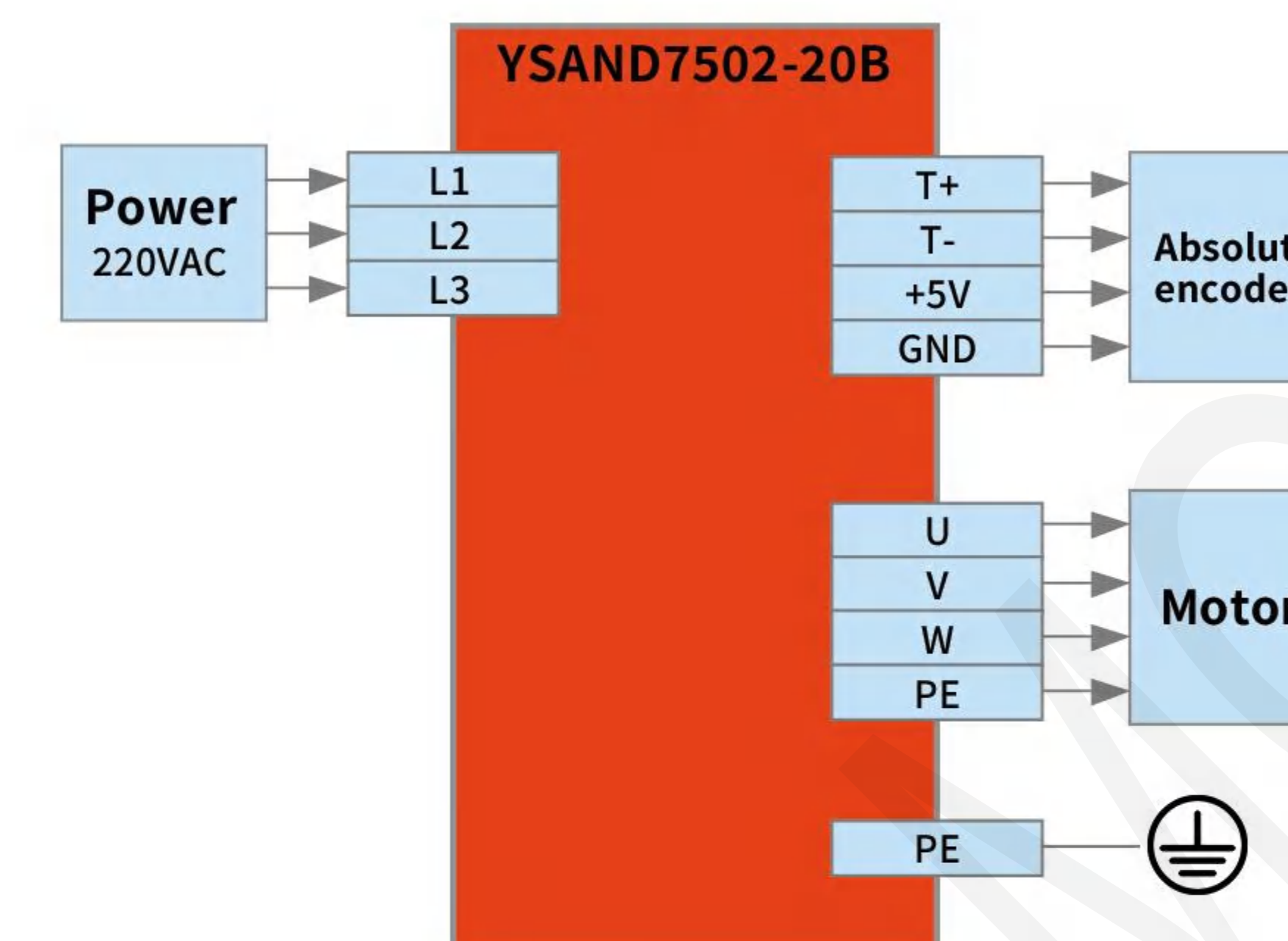
Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	400W	2.8/9.6A	RS485/RS232	Pulse	5~24VDC	0.9kg	60mm

YSAND7502-20B



Schematic diagram



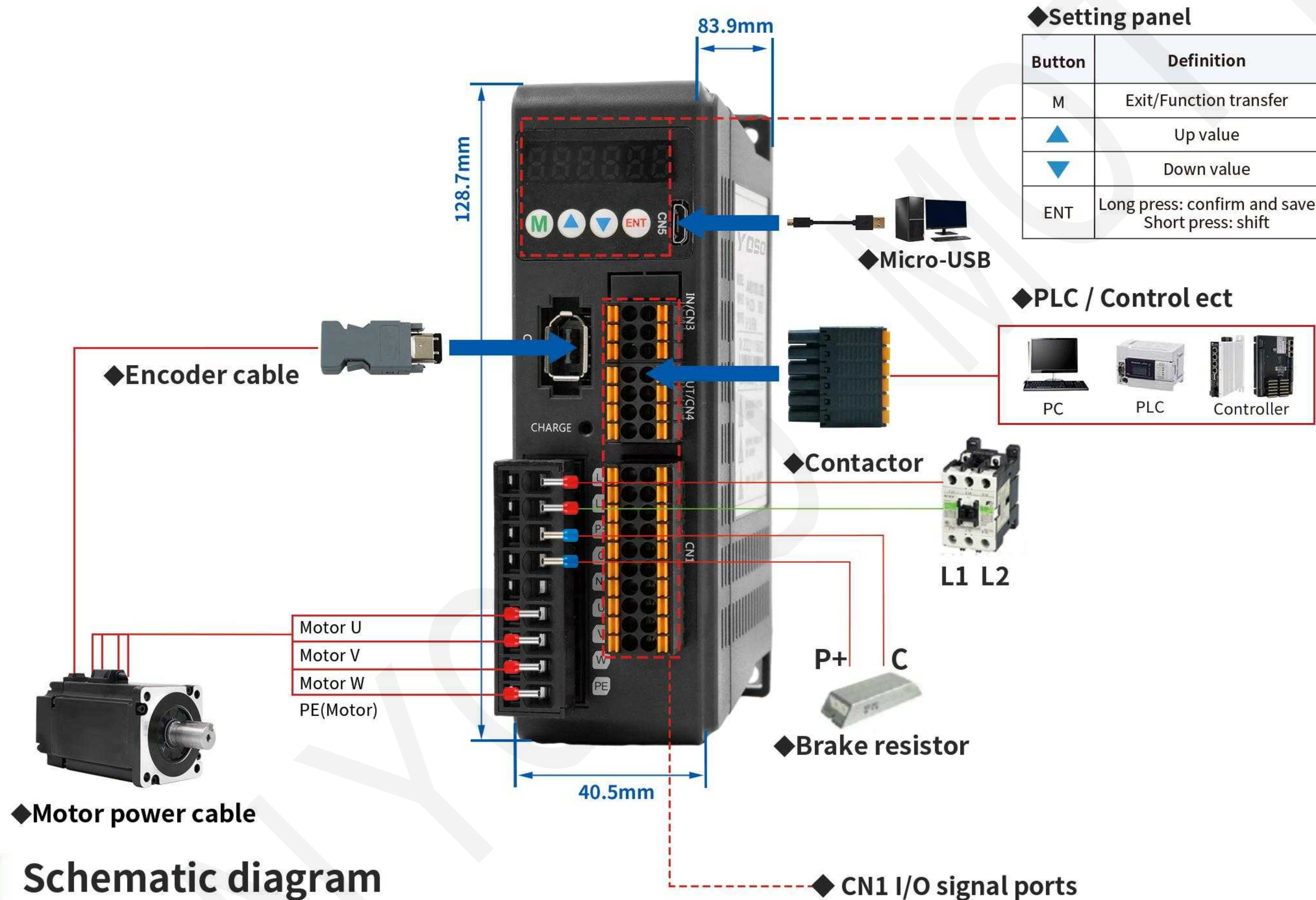
◆CN1 I/O signal ports

Port	Definition	Port	Definition
①DO4+	Digital output +	②⑥DO4-	Digital output -
②DO3-	Digital output -	②⑦DO5-	Digital output -
③DO3+	Digital output +	②⑧DO5+	Digital output -
④DO2-	Digital output -	②⑨HPUL-	High velocity pulse -
⑤DO2+	Digital output +	③⑩DI8+	Digital input -
⑥DO1-	Digital output -	③⑪DI7-	Digital input -
⑦DO1+	Digital output +	③⑫DI6-	Digital input -
⑧DI4-	Digital input -	③⑬DI5-	Digital input -
⑨DI1-	Digital input -	③⑭DI3-	Digital input -
⑩DI2-	Digital input -	③⑮24V SIGN +	24V Direction +
⑪COM+	Common input	③⑯SIGN +	Direction +
⑫GNDA	Simulated ground	③⑰SIGN -	Direction -
⑬GNDA	Simulated ground	③⑱HPUL +	Velocity pulse +
⑭NC	NC	③⑲24V PULS +	24V Pulse +
⑮MON2	Analog monitoring output 2	④⑰HSIGN -	Velocity direction -
⑯MON1	Analog monitoring output 1	④⑱PULS -	Pulse -
⑰+24V	+24V output (for external I/O)	④⑲V_REF	Velocity analog +
⑱T_REF	Torque analog control positive	④⑲PULS +	Pulse +
⑲GNDA	Simulated ground	④⑲GND	Digitally
⑲+12V	+12V output (for analog)	④⑲COM	+24V output ground
⑲OA+	Encoder A - output	④⑲HSIGN +	Velocity direction +
⑲OA-	Encoder A - output	④⑲COM	+24V output ground
⑲OB-	Encoder B - output	④⑲EYES	Encoder Z - output
⑲OZ-	Encoder Z - output	④⑲COM	+24V output ground
⑲OB+	Encoder B - output	④⑲OZ +	Encoder Z - output

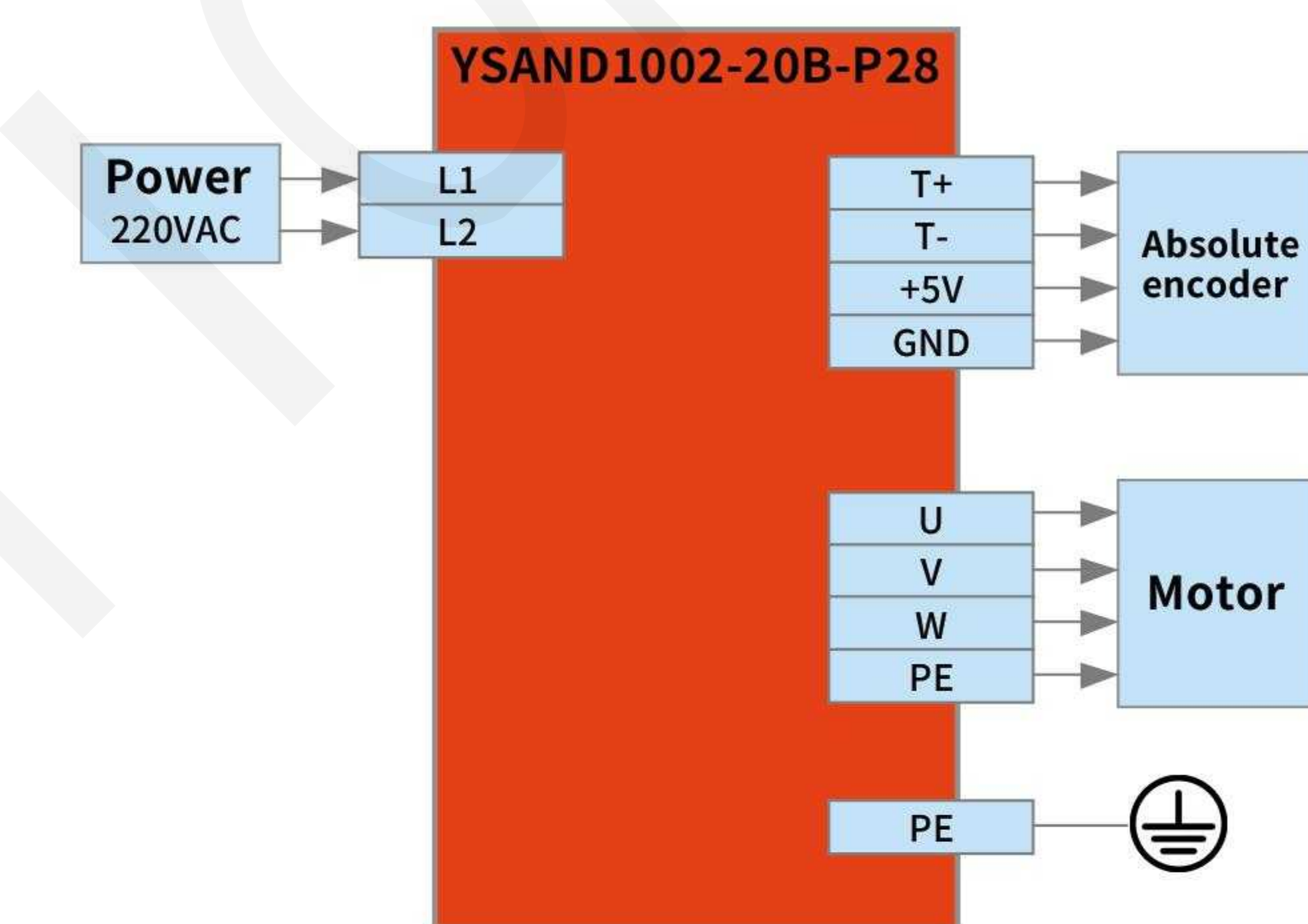
Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	750W	5.5/16.9A	RS485/RS232	Pulse	5~24VDC	1.2kg	80mm

YSAND1002-20B-P28



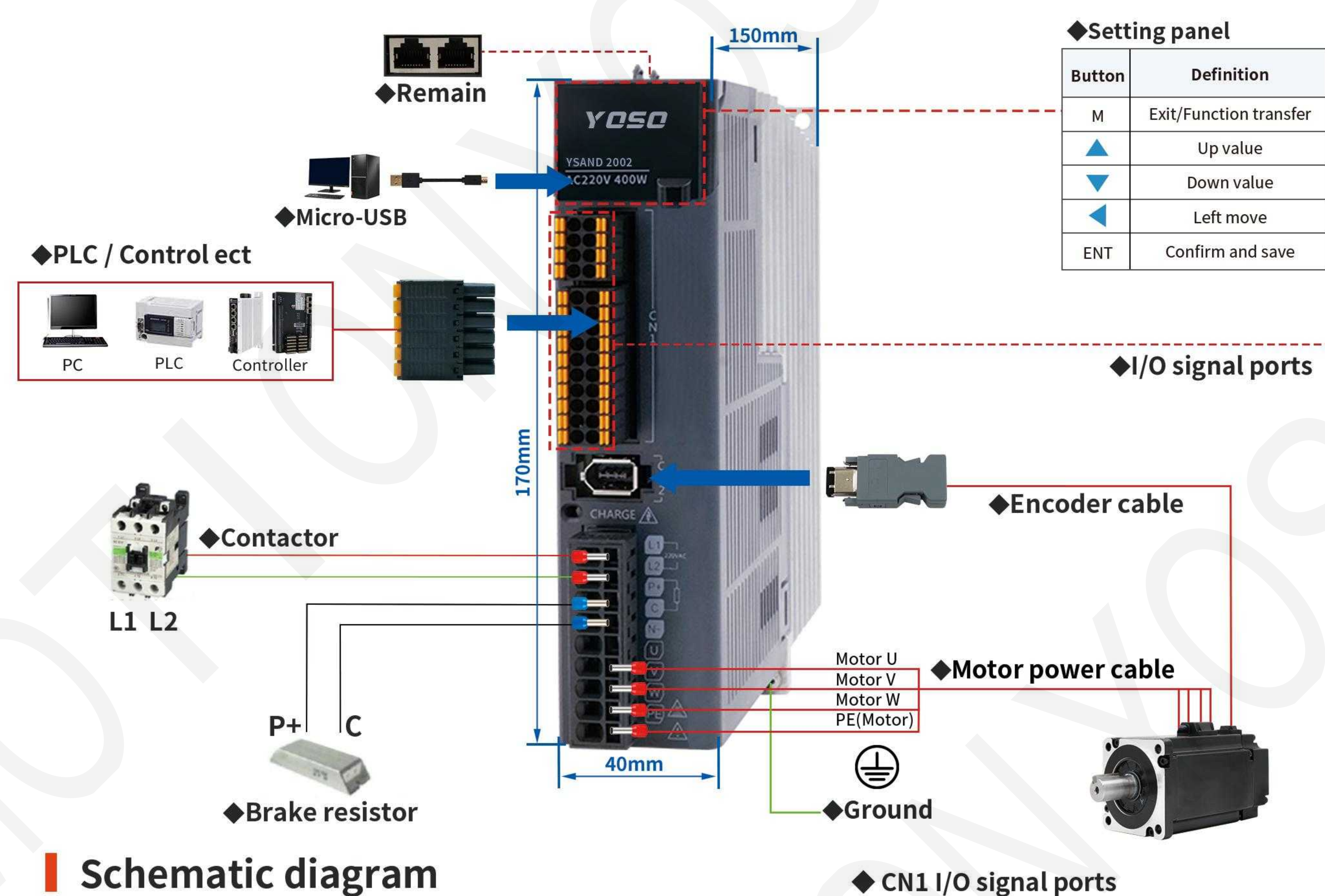
Schematic diagram



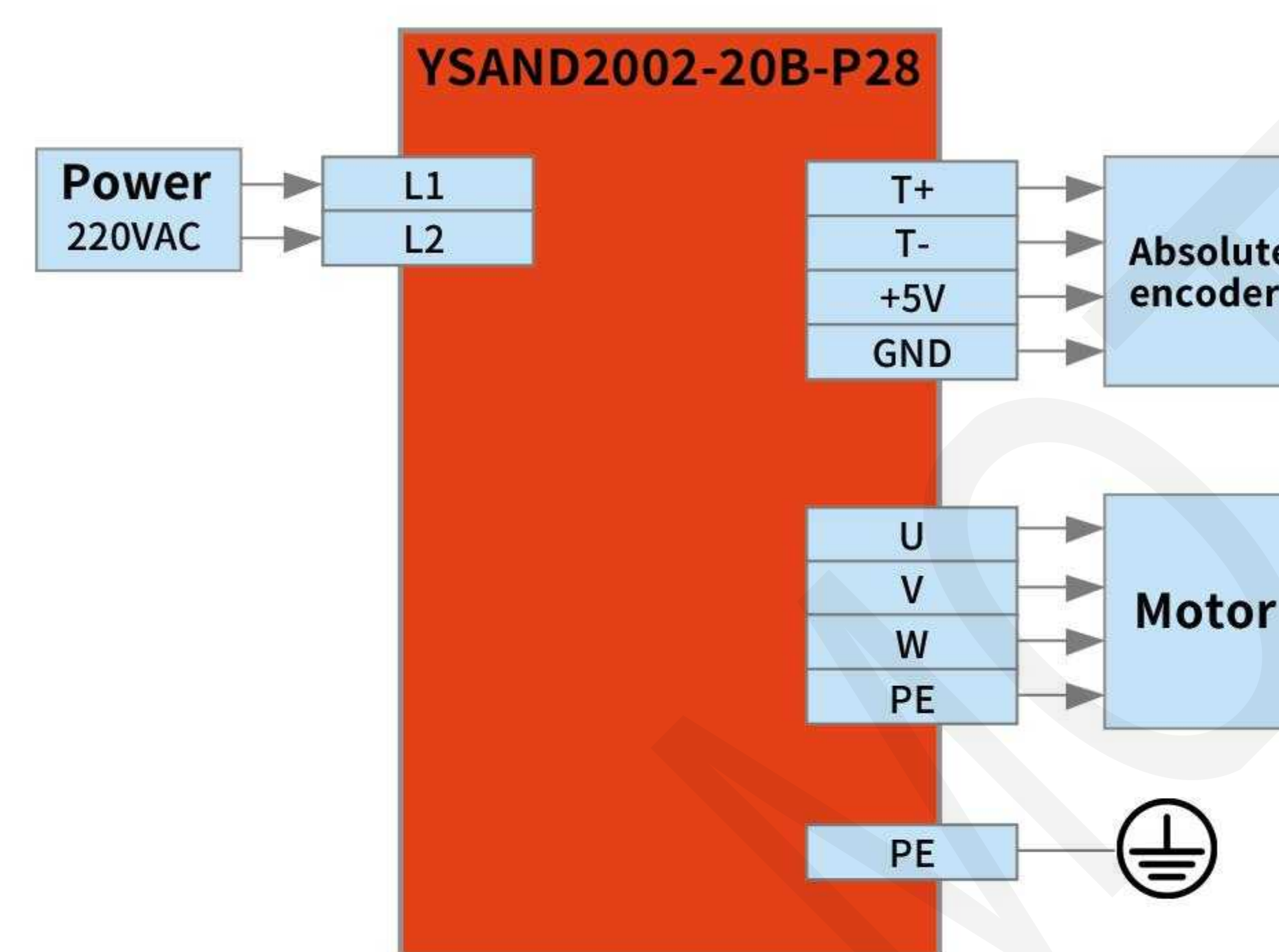
Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	100W	1.1/2.9A	MicroUSB/RS485	Pulse	5~24VDC	0.5kg	40mm

YSAND2002-20B-P28



Schematic diagram

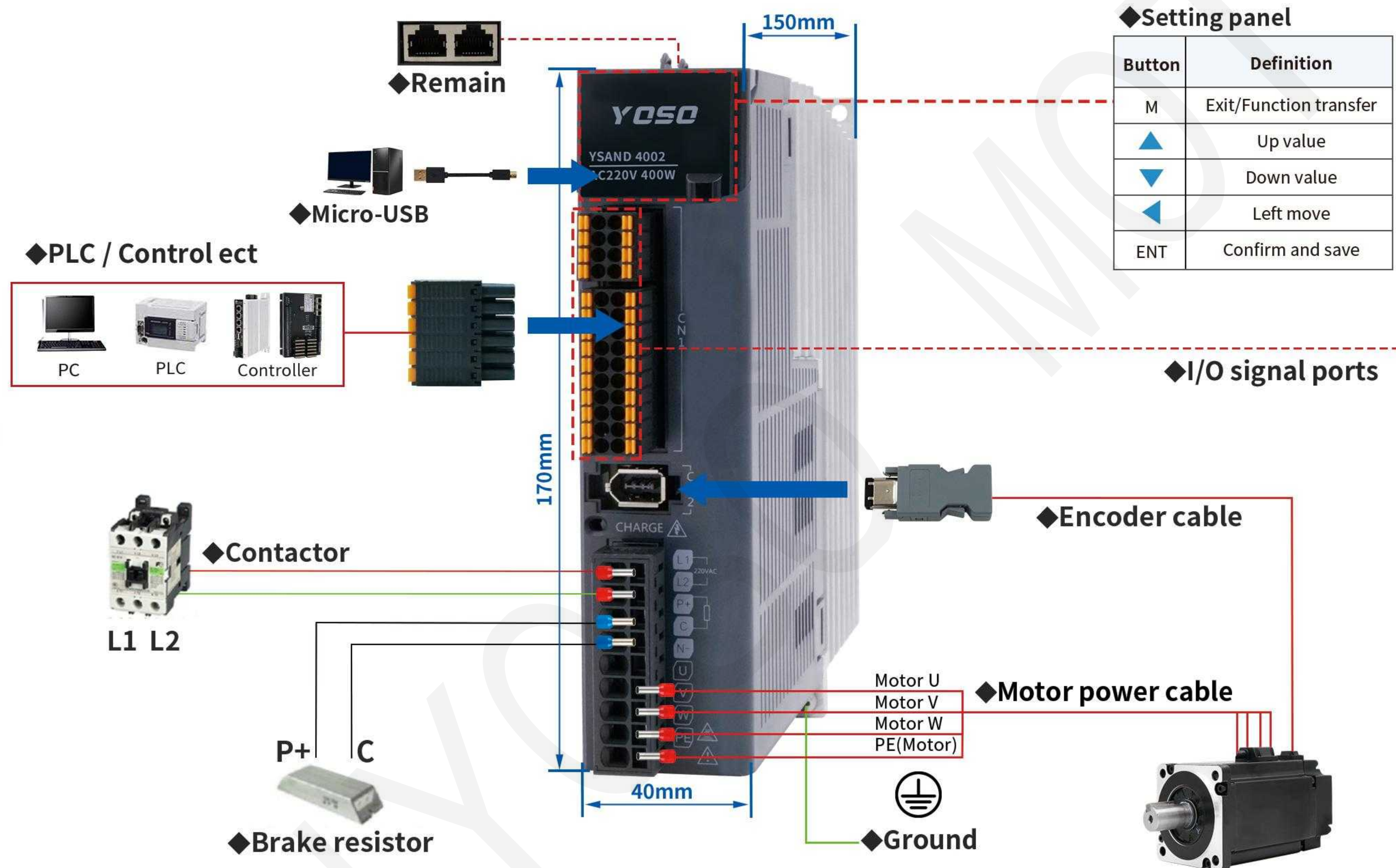


Datasheet

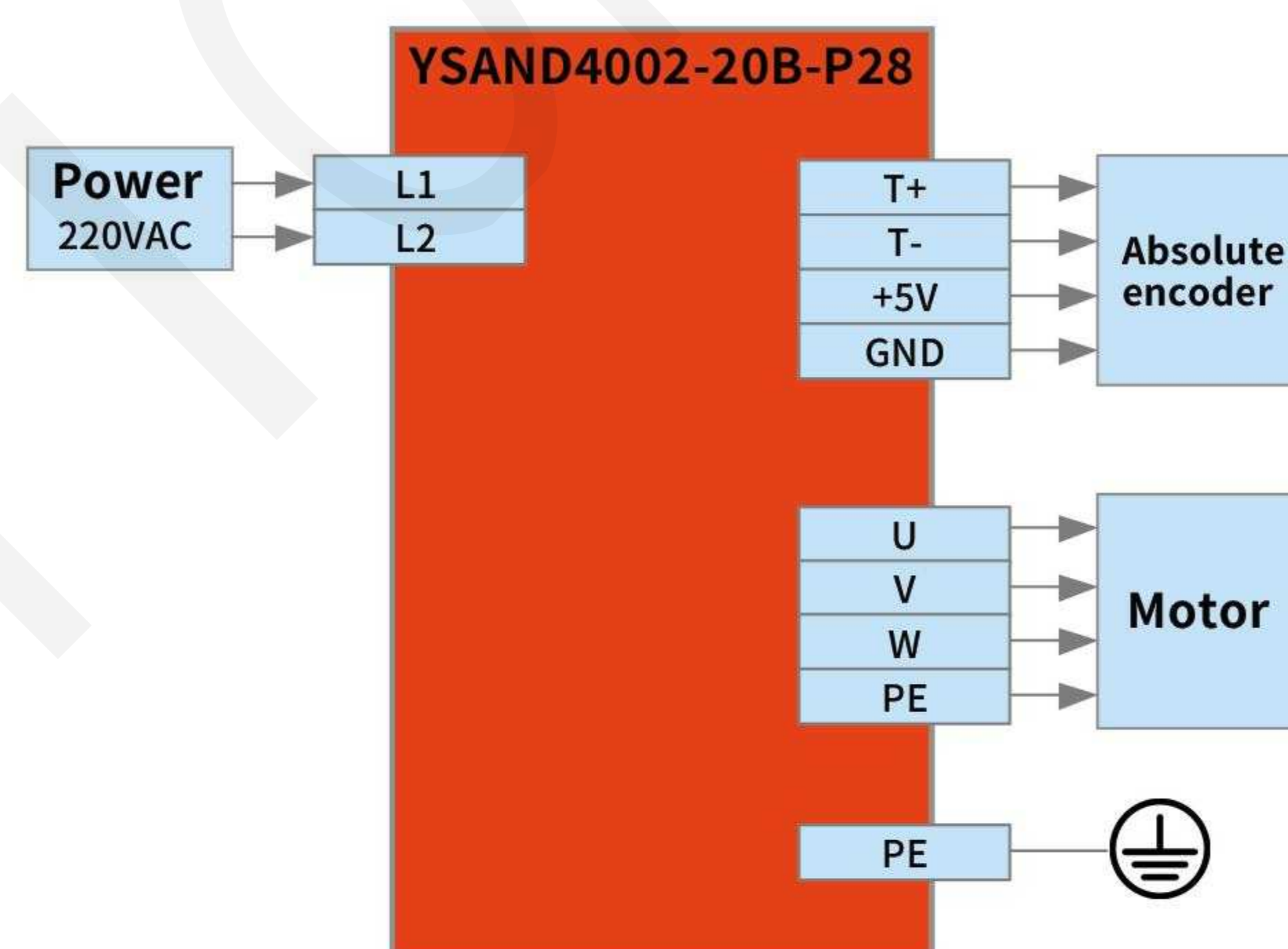
Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	200W	1.6/5.8A	MicroUSB/RS485	Pulse	5~24VDC	0.9kg	40mm

YOSO MOTION Servo Driver

YSAND4002-20B-P28



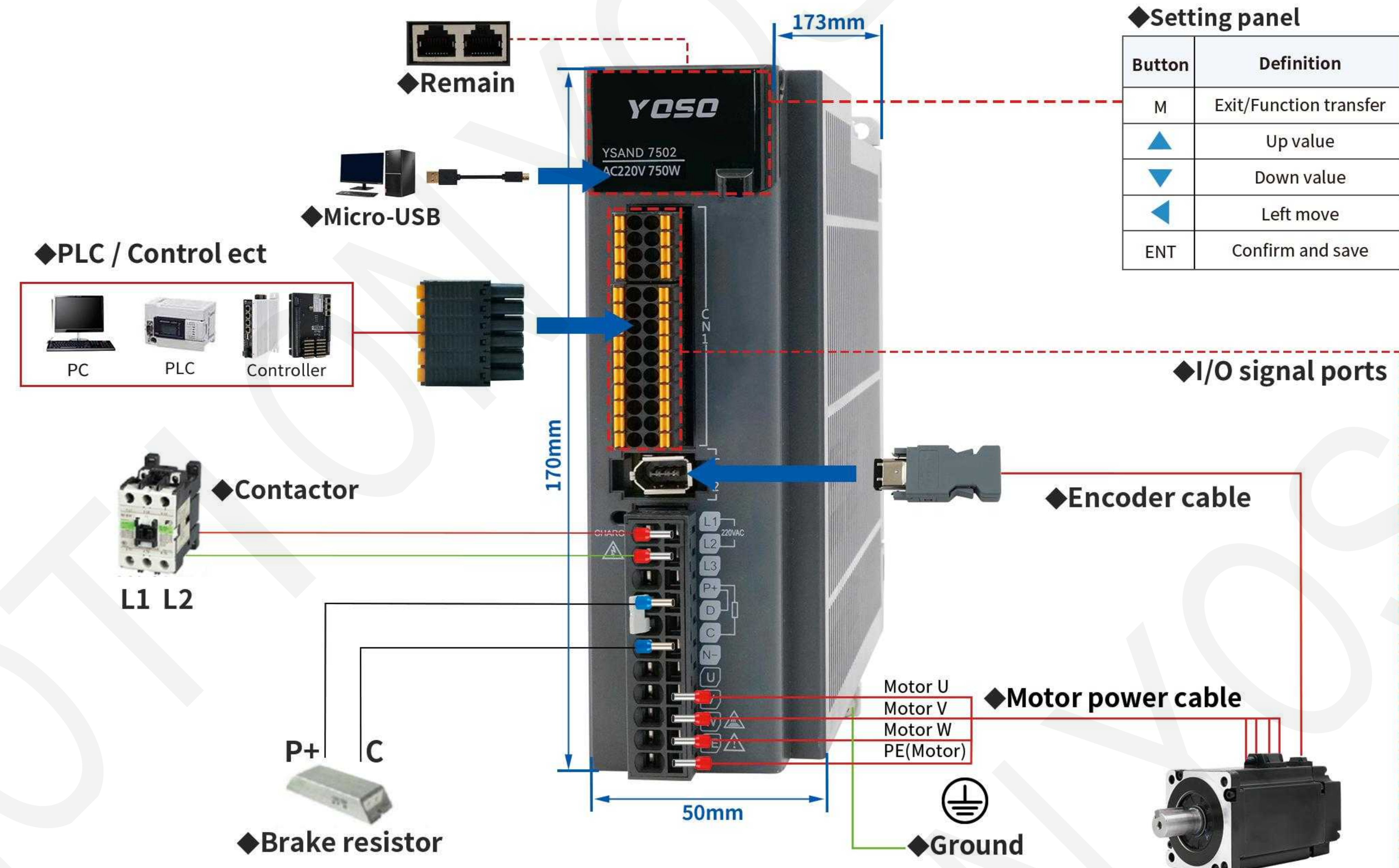
Schematic diagram



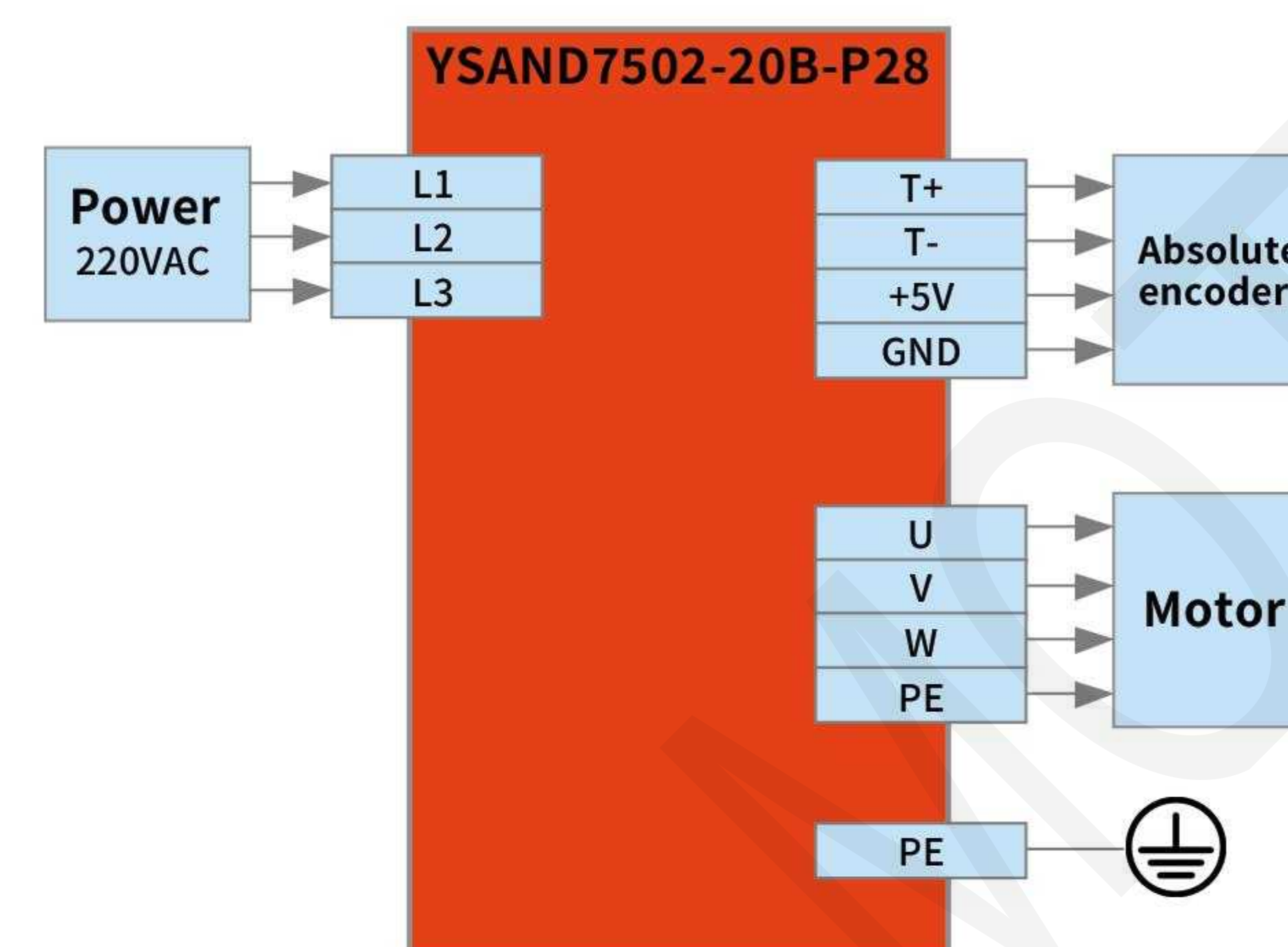
Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	400W	2.8/9.6A	MicroUSB/ RS485	Pulse	5~24VDC	0.9kg	60mm

YSAND7502-20B-P28



Schematic diagram

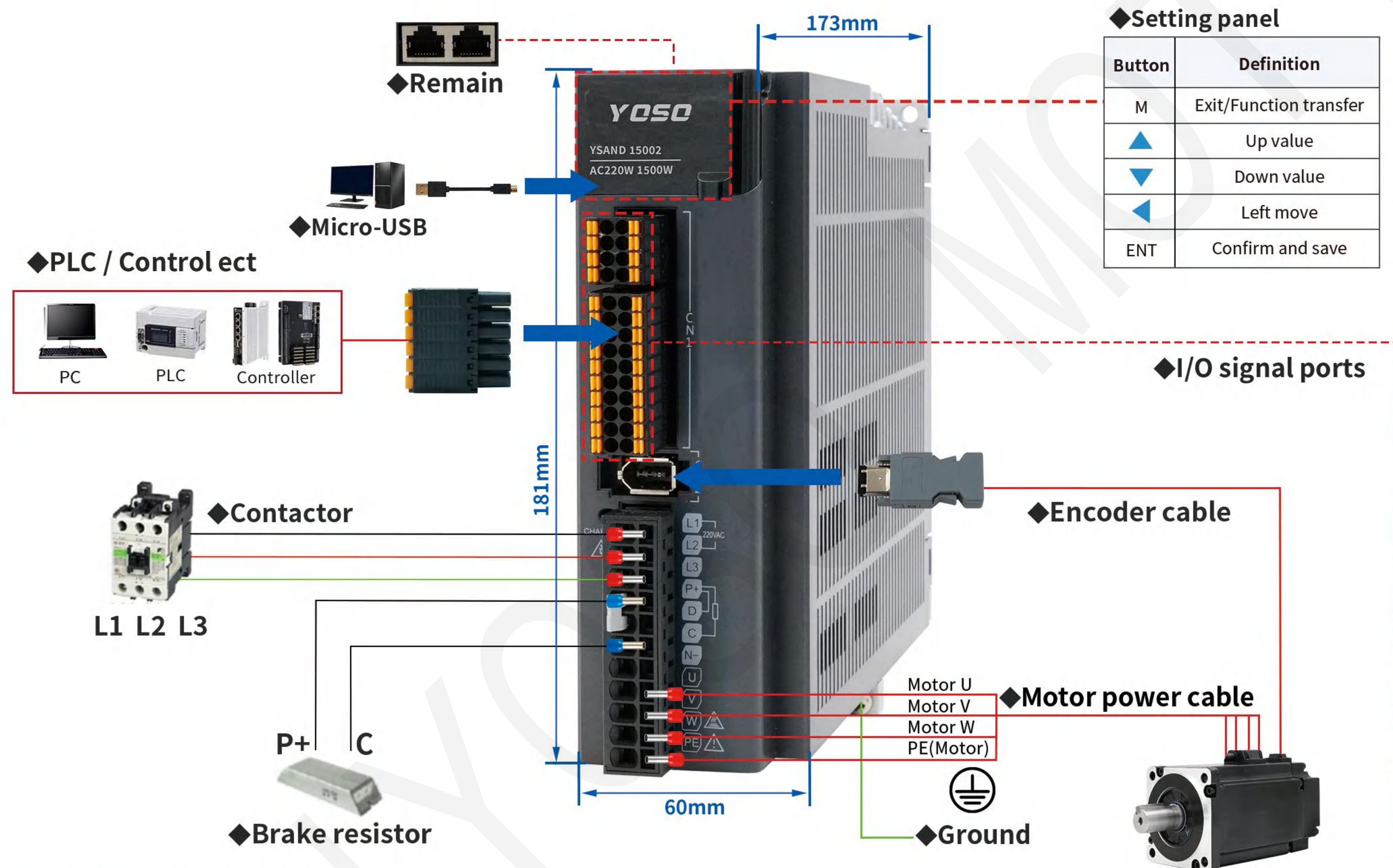


Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	750W	5.5/16.9A	MicroUSB/ RS485	Pulse	5~24VDC	1.2kg	80mm

YOSO MOTION Servo Driver

YSAND15002-20B-P28

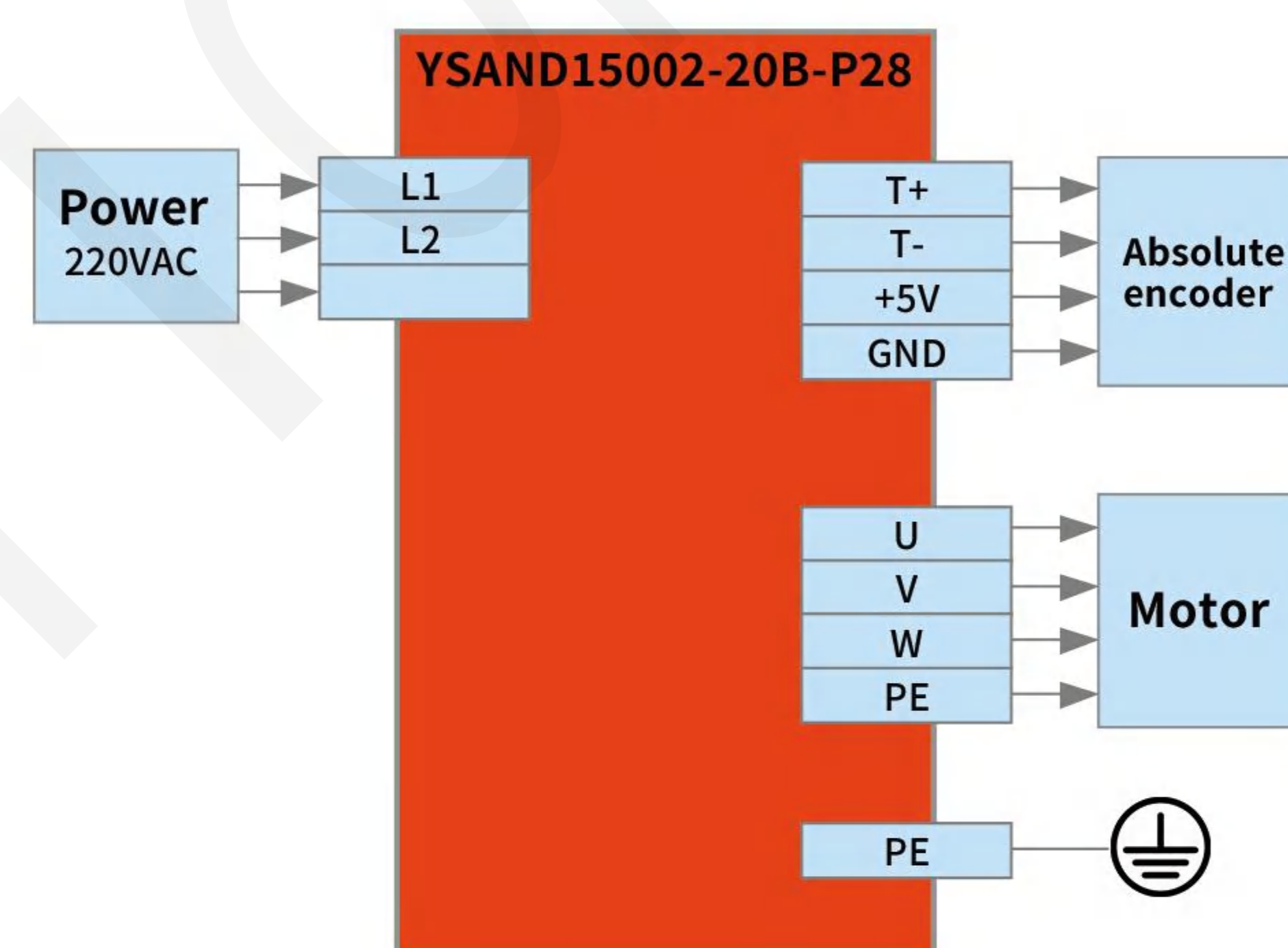


◆Setting panel

Button	Definition
M	Exit/Function transfer
▲	Up value
▼	Down value
◀	Left move
ENT	Confirm and save

◆I/O signal ports

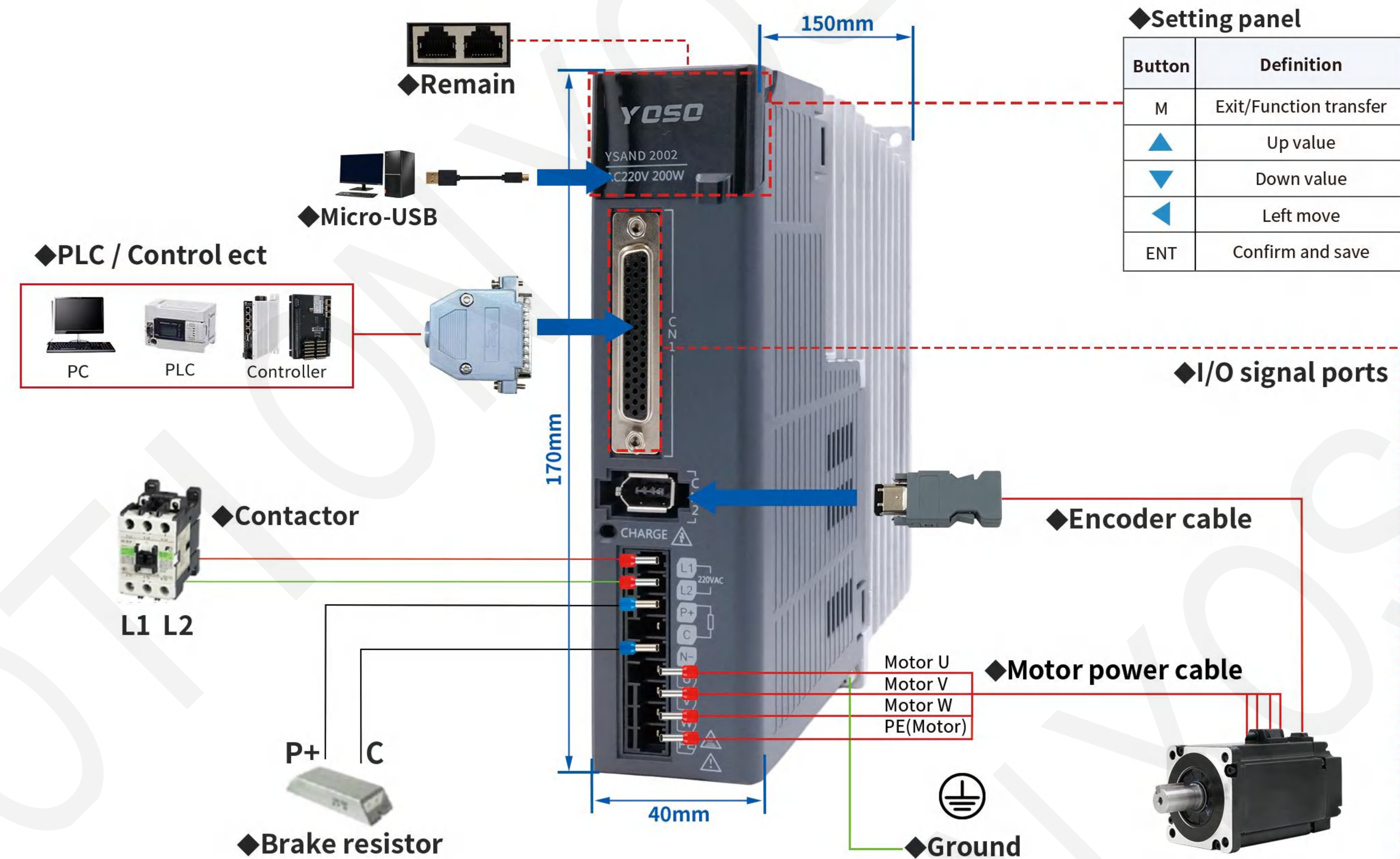
Schematic diagram



Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	1500W	10/30A	MicroUSB/RS485	Pulse	5~24VDC	1.2kg	80mm/110mm/130mm

YSAND2002-20B-DB44

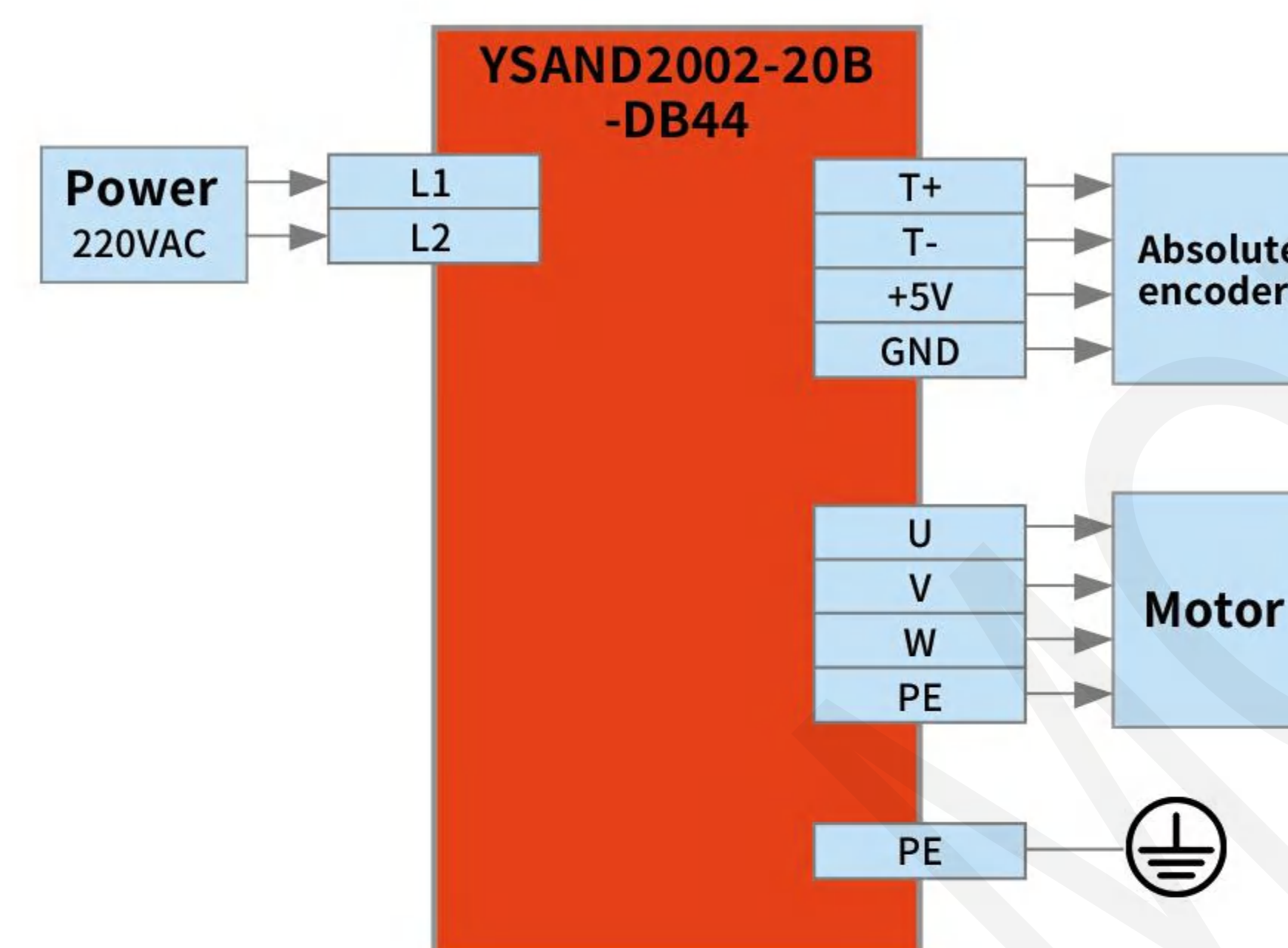


◆Setting panel

Button	Definition
M	Exit/Function transfer
▲	Up value
▼	Down value
◀	Left move
ENT	Confirm and save

◆I/O signal ports

Schematic diagram



◆ CN1 I/O signal ports

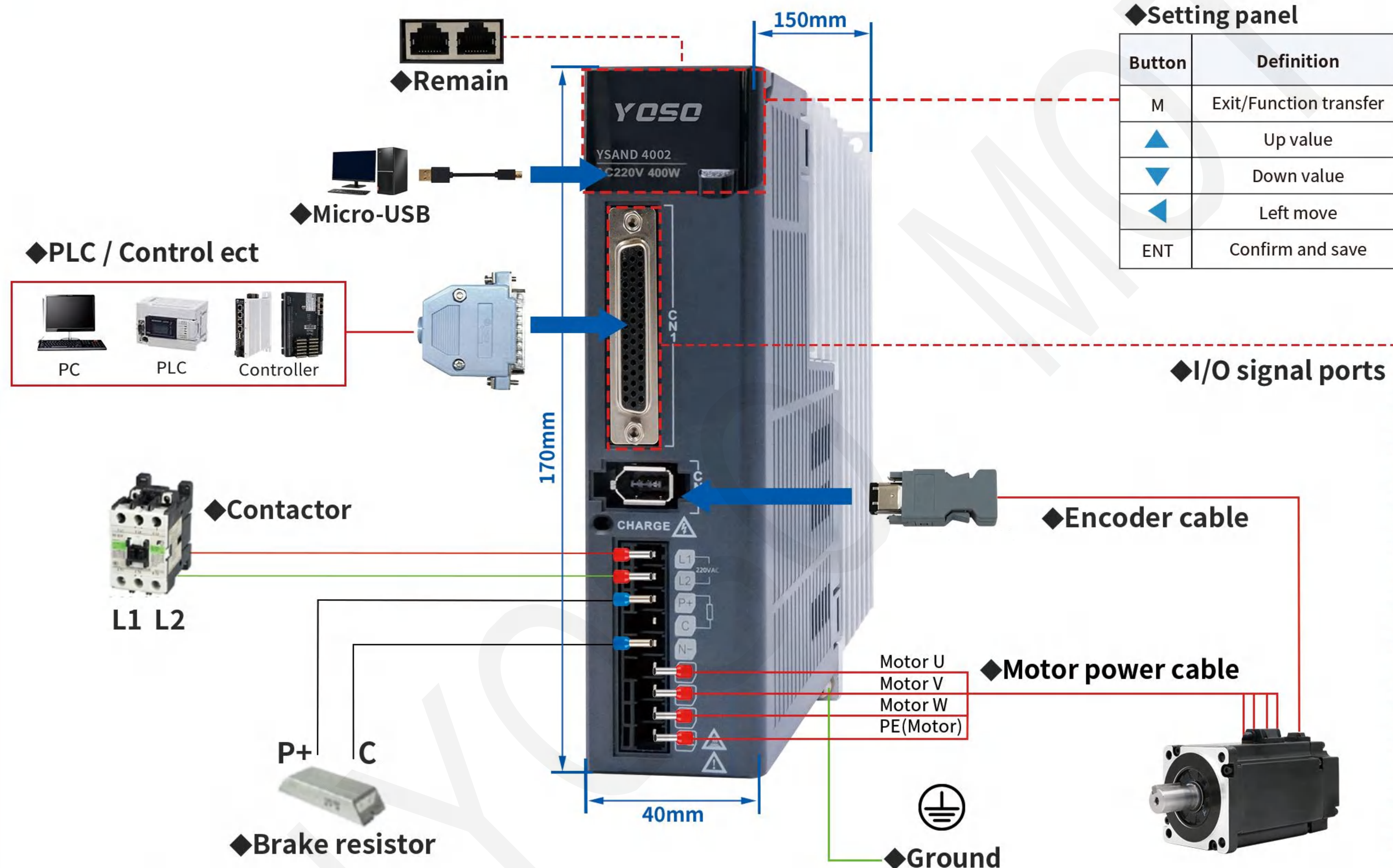
Port	Definition	Port	Definition
①DO4+	Digital output +	②③OB-	Encoder B-output
②DO3-	Digital output -	②④OZ-	Encoder Z- output
③DO3+	Digital output +	②⑤OB+	Encoder B- output
④DO2-	Digital output -	②⑥DO4-	Digital output -
⑤DO2+	Digital output +	②⑦DO5-	Digital output -
⑥DO1-	Digital output -	②⑧DO5+	Digital output -
⑦DO1+	Digital output +	②⑨GND	Digitally
⑧DI4-	Digital input -	③⑩DI8-	Digital input -
⑨DI1-	Digital input -	③⑪DI7-	Digital input -
⑩DI2-	Digital input -	③⑫Empty	
⑪COM+	Common input	③⑬DI5-	Digital input -
⑫DI6-	Digital Input Negative	③⑭DI3-	Digital input -
⑬OZ+	Encoder Z + output	③⑮24V PULS+/24V SIGN+	24V pulse / direction+
⑭24V GND	+24V ground	③⑯+5V	+5V output (for external I/O)
⑮+5V	+5V output (for external I/O)	③⑰GND	Digitally
⑯GND	Digitally	③⑱+24V	+24V output (for external I/O)
⑰+24V	+24V output (for external I/O)	③⑲T_REF	Torque analog control positive
⑱T_REF	Torque analog control positive	③⑳GND	Simulated ground
⑲GND	Simulated ground	④①HSIGN-	High speed direction -
⑲V_REF	Speed analog control positive	④②PULS+	Pulse +
⑲OA+	Encoder A-output	④③HSIGN+	High speed heading
⑲OA-	Encoder A-output	④④PULS-	Pulse -
		④⑤OCZ	Encoder Z- output

Datasheet

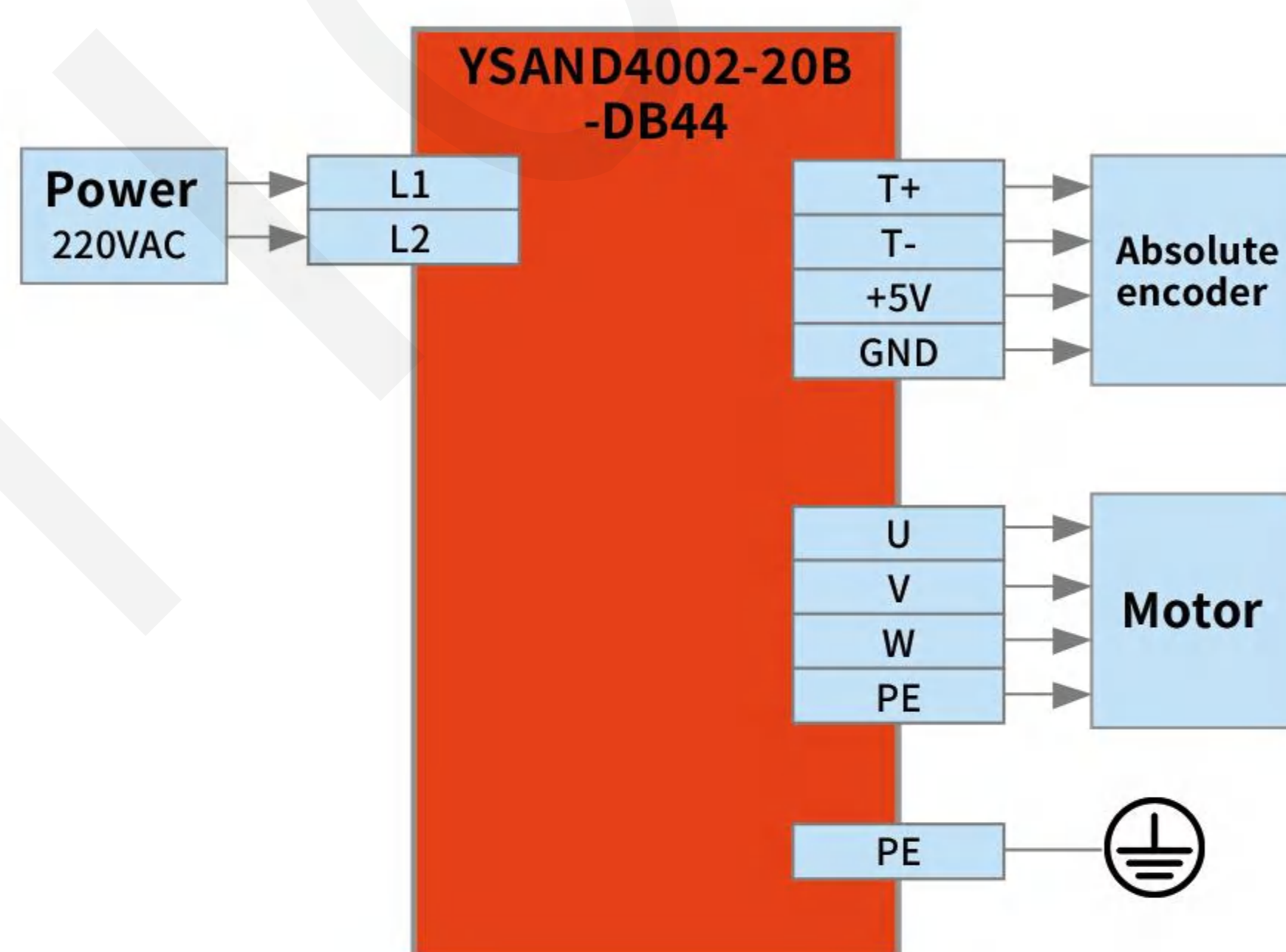
Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	200W	1.6/5.8A	MicroUSB/RS485	Pulse	5~24VDC	0.9g	40mm

YOSO MOTION Servo Driver

YSAND4002-20B-DB44



Schematic diagram



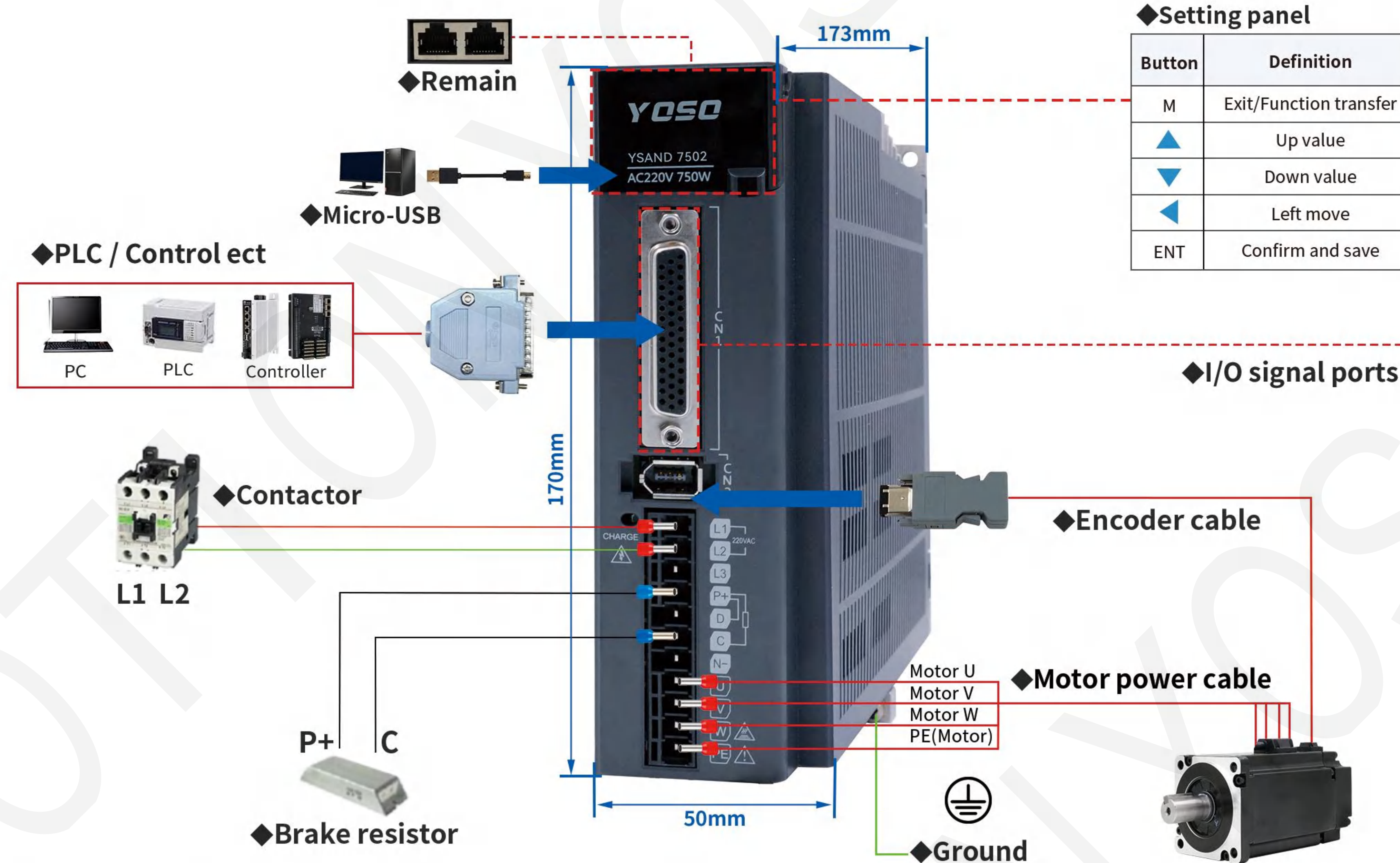
CN1 I/O signal ports

Port	Definition	Port	Definition
①DO4+	Digital output +	②③OB-	Encoder B- output
②DO3-	Digital output -	②④OZ-	Encoder Z- output
③DO3+	Digital output +	②⑤OB+	Encoder B+ output
④DO2-	Digital output -	②⑥DO4-	Digital output -
⑤DO2+	Digital output +	②⑦DO5-	Digital output -
⑥DO1-	Digital output -	②⑧DO5+	Digital output -
⑦DO1+	Digital output +	②⑨GND	Digitally
⑧DI4-	Digital input -	③⑩DI8-	Digital input -
⑨DI1-	Digital input -	③⑪DI7-	Digital input -
⑩DI2-	Digital input -	③⑫Empty	
⑪COM+	Common input	③⑬DI5-	Digital input -
⑫DI6-	Digital Input Negative	③⑭DI3-	Digital input -
⑬OZ+	Encoder Z + output	③⑮24V PULS+/24V SIGN+	24V pulse / direction +
⑭24V GND	+24V ground	③⑯HPUL-	High-speed pulse -
⑮+5V	+5V output (for external I/O)	③⑰SIGN+	Direction +
⑯GND	Digitally	③⑱HPUL+	High speed pulse +
⑰+24V	+24V output (for external I/O)	③⑲SIGN-	Direction -
⑱T_REF	Torque analog control positive	④⑰HSIGN-	High speed direction -
⑲GNDA	Simulated ground	④⑱PULS+	Pulse +
⑲V_REF	Speed analog control positive	④⑲HSIGN+	High speed heading
⑲OA+	Encoder A- output	④⑲PULS-	Pulse -
⑲OA-	Encoder A- output	④⑲OCZ	Encoder Z- output

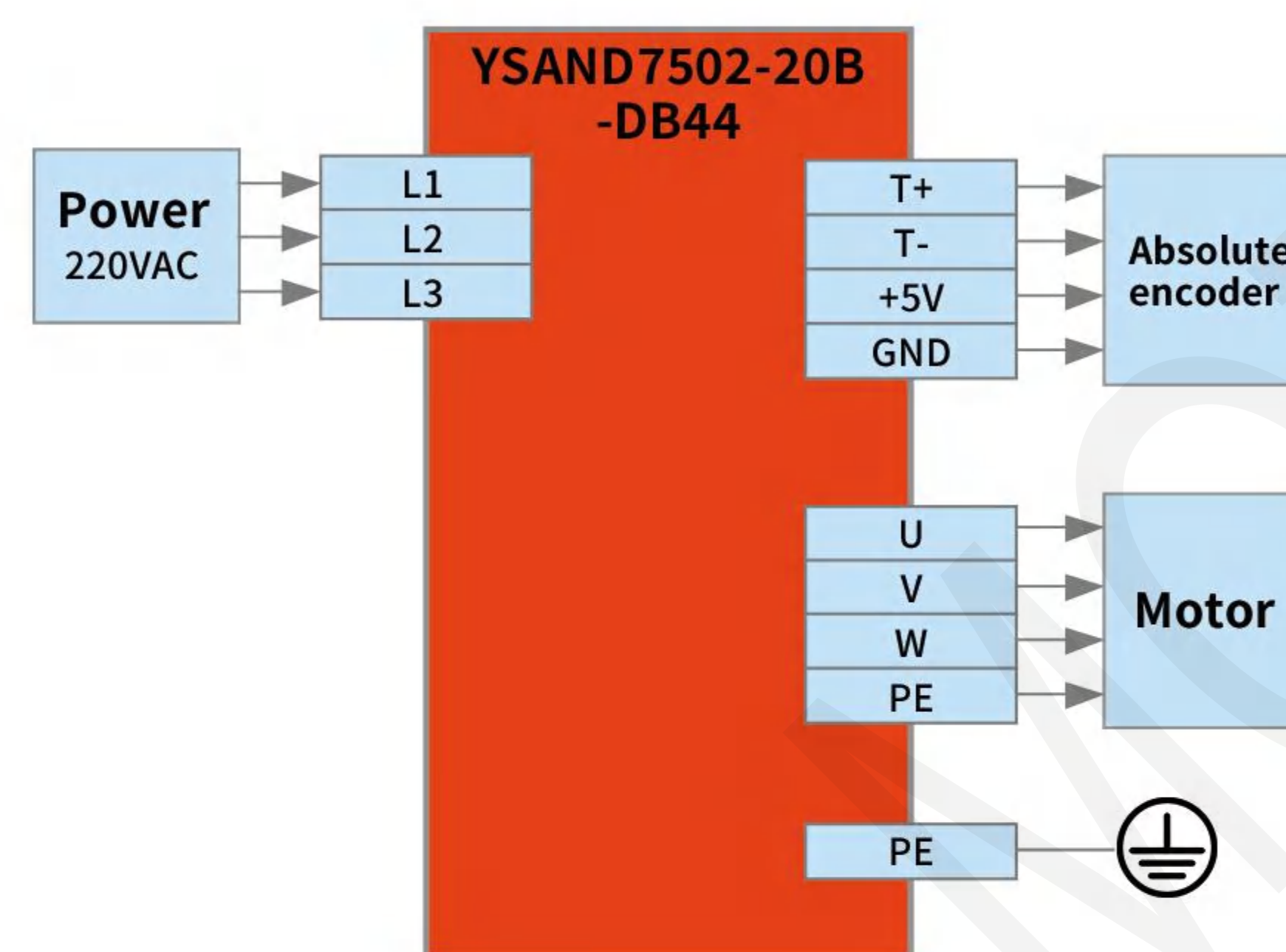
Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	400W	2.8/9.6A	MicroUSB/RS485	Pulse	5~24VDC	0.9kg	60mm

YSAND7502-20B-DB44



Schematic diagram



CN1 I/O signal ports

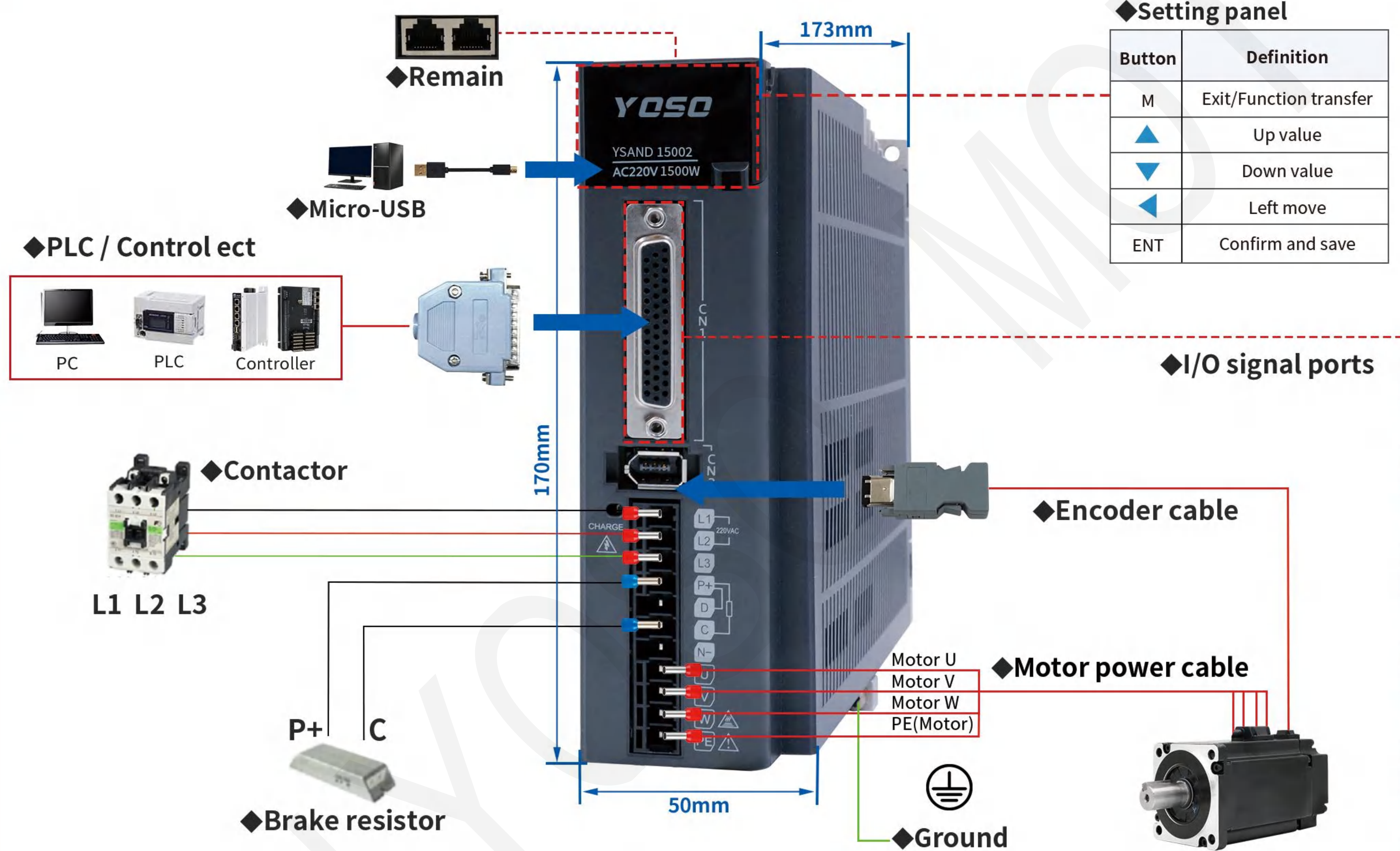
Port	Definition	Port	Definition
①DO4+	Digital output +	②③OB-	Encoder B- output
②DO3-	Digital output -	②④OZ-	Encoder Z- output
③DO3+	Digital output +	②⑤OB+	Encoder B+ output
④DO2-	Digital output -	②⑥DO4-	Digital output -
⑤DO2+	Digital output +	②⑦DO5-	Digital output -
⑥DO1-	Digital output -	②⑧DO5+	Digital output -
⑦DO1+	Digital output +	②⑨GND	Digitally
⑧DI4-	Digital input -	③⑩DI8-	Digital input -
⑨DI1-	Digital input -	③⑪DI7-	Digital input -
⑩DI2-	Digital input -	③⑫Empty	
⑪COM+	Common input	③⑬DI5-	Digital input -
⑫DI6-	Digital Input Negative	③⑭DI3-	Digital input -
⑬OZ+	Encoder Z + output	③⑮24V PULS+/24V SIGN+	24V pulse / direction +
⑭24V GND	+24V ground	③⑯HPUL-	High-speed pulse -
⑮+5V	+5V output (for external I/O)	③⑰SIGN+	Direction +
⑯GND	Digitally	③⑱HPUL+	High speed pulse +
⑰+24V	+24V output (for external I/O)	③⑲SIGN-	Direction -
⑱T_REF	Torque analog control positive	④⑰HSIGN-	High speed direction -
⑲GNDA	Simulated ground	④⑱PULS+	Pulse +
⑲V_REF	Speed analog control positive	④⑲HSIGN+	High speed heading
⑲OA+	Encoder A- output	④⑲PULS-	Pulse -
⑲OA-	Encoder A- output	④⑲OCZ	Encoder Z- output

Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	750W	5.5/16.9A	MicroUSB/RS485	Pulse	5~24VDC	1.2kg	80mm

YOSO MOTION Servo Driver

YSAND15002-20B-DB44



◆Setting panel

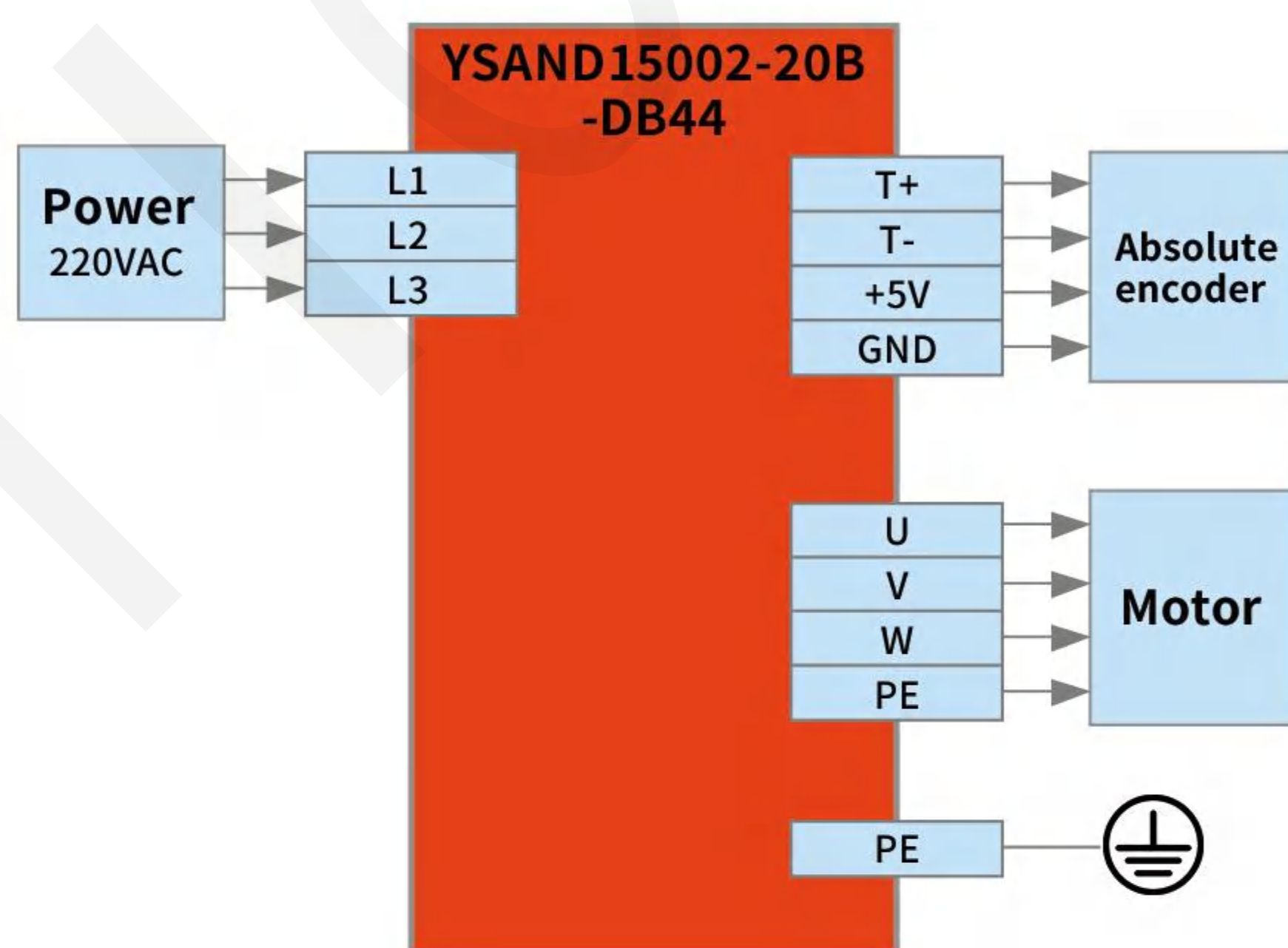
Button	Definition
M	Exit/Function transfer
▲	Up value
▼	Down value
◀	Left move
ENT	Confirm and save

◆I/O signal ports

◆CN1 I/O signal ports

Port	Definition	Port	Definition
①DO4+	Digital output +	②③OB-	Encoder B-output
②DO3-	Digital output -	④⑤OZ-	Encoder Z-output
③DO3+	Digital output +	⑥⑦OB+	Encoder B-output
④DO2-	Digital output -	⑧⑨DO4-	Digital output -
⑤DO2+	Digital output +	⑩⑪DO5-	Digital output -
⑥DO1-	Digital output -	⑫⑬DO5+	Digital output -
⑦DO1+	Digital output +	⑭⑮GND	Digitally
⑧DI4-	Digital input -	⑯⑰DI8-	Digital input -
⑨DI1-	Digital input -	⑱⑲DI7-	Digital input -
⑩DI2-	Digital input -	⑳⑳Empty	
⑪COM+	Common input	㉑㉑DI5-	Digital input -
⑫DI6-	Digital Input Negative	㉒㉒DI3-	Digital input -
⑬OZ+	Encoder Z + output	㉓㉓24V PULS+/24V SIGN+	24V pulse / direction +
⑭24V GND	+24V ground	㉔㉔HPUL-	High-speed pulse -
⑮+5V	+5V output (for external I/O)	㉕㉕SIGN+	Direction +
⑯GND	Digitally	㉖㉖HPUL+	High speed pulse +
⑰+24V	+24V output (for external I/O)	㉗㉗SIGN-	Direction -
⑱T_REF	Torque analog control positive	㉘㉘HSIGN-	High speed direction -
⑲GNDA	Simulated ground	㉙㉙PULS+	Pulse +
⑳V_REF	Speed analog control positive	㉚㉚HSIGN+	High speed heading
㉑OA+	Encoder A-output	㉛㉛PULS-	Pulse -
㉒OA-	Encoder A-output	㉜㉜OCZ	Encoder Z-output

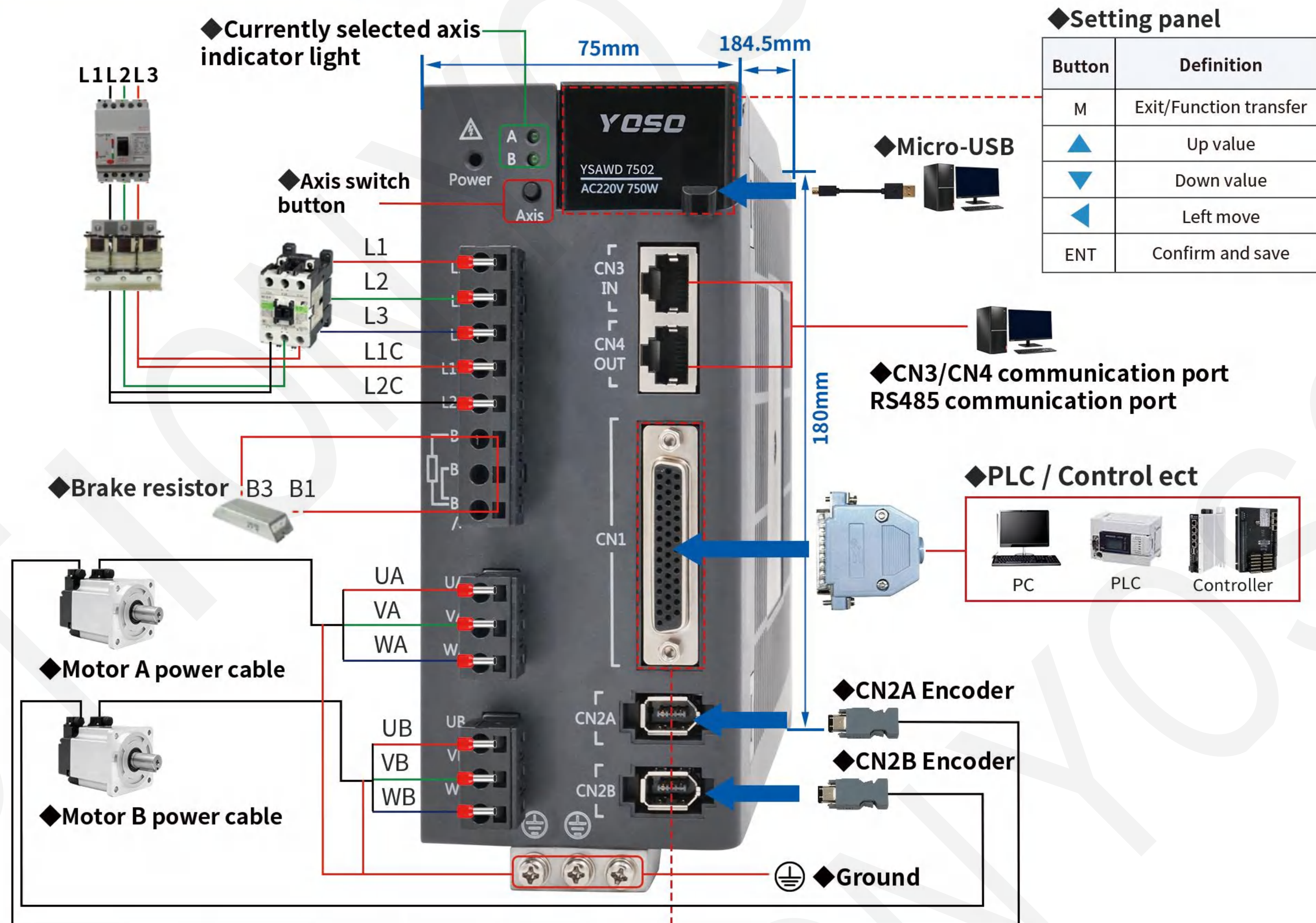
Schematic diagram



Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	1500W	10/30A	MicroUSB/RS485	Pulse	5~24VDC	1.2kg	80mm/110mm/130mm

YSAWD7502



◆Setting panel

Button	Definition
M	Exit/Function transfer
▲	Up value
▼	Down value
◀	Left move
ENT	Confirm and save

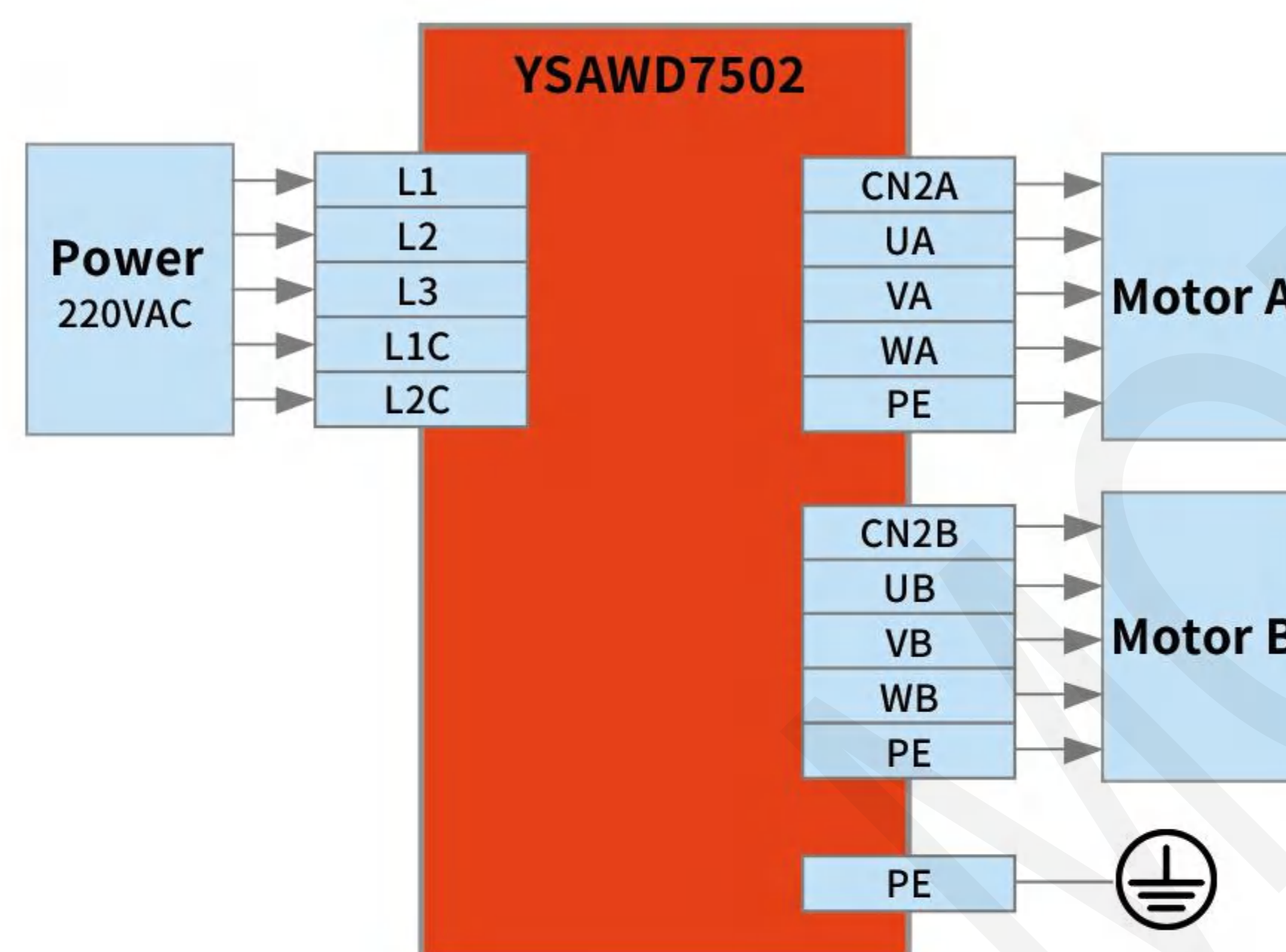
◆CN3/CN4 communication port RS485 communication port

◆PLC / Control

◆CN1 I/O signal ports

Port	Definition	Port	Definition
①A VREF	A-axis speed analog +	②③DI1	Digital input 1
②B VREF	B-axis speed analog +	④⑤DICOM	Input common
③A pulse+	A-axis pulse input +	⑥⑦DI6	Digital input 6
④A direction+	A-axis direction input +	⑧⑨OA-	A-axis encoder A -
⑤B pulse+	B-axis pulse input +	⑩⑪OB-	A-axis encoder B -
⑥B direction+	B-axis direction input +	⑫⑬OZ-	A-axes encoder Z -
⑦DO4-	Digital output port 4 -	⑭⑮OB+	B-axis encoder Z -
⑧DI2	Digital input 2	⑯⑰GND	Digital/Analog Ground
⑨DI3	Digital input 3	⑱⑲GND	Digital/Analog Ground
⑩A OA+	A-axis encoder A +	㉑㉑DO1+	Digital output 1 +
⑪A OB+	A-axis encoder B +	㉒㉒DO1-	Digital output 1 -
⑫A OZ+	A-axis encoder Z +	㉓㉓DO2+	Digital output 2 +
⑬B OZ+	B-axis encoder Z +	㉔㉔DO2-	Digital output 2 -
⑭SEN	None	㉕㉕DO3+	Digital output 3 +
⑮SEN	None	㉖㉖DO3-	Digital output 3 -
⑯A TREF	A-axis torque analog +	㉗㉗DI4	Digital input 4
⑰B TREF	B-axis torque analog +	㉘㉘DI5	Digital input 5
⑱A pulse-	A-axis pulse input -	㉙㉙OB+	Encoder A + output
⑲A direction-	A-axis direction input -	㉚㉚OB-	Encoder A - output
⑳B pulse-	B-axis pulse input -	㉛㉛OB+	Encoder B + output
㉑B direction-	B-axis direction input -	㉜㉜OB-	Encoder B - output
㉒DO4+	Digital output port 4 +	㉜㉜None	None

Schematic diagram

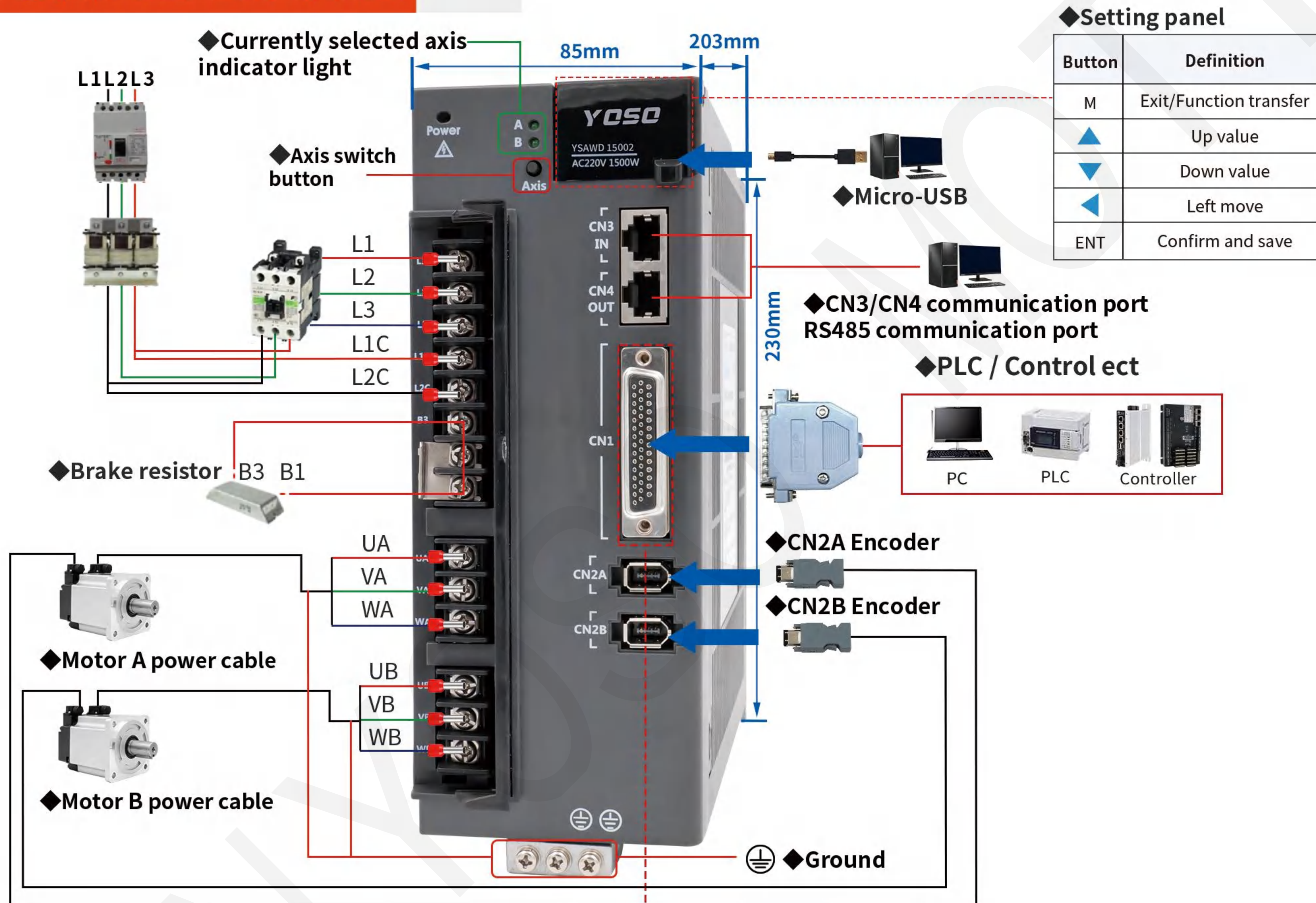


Datasheet

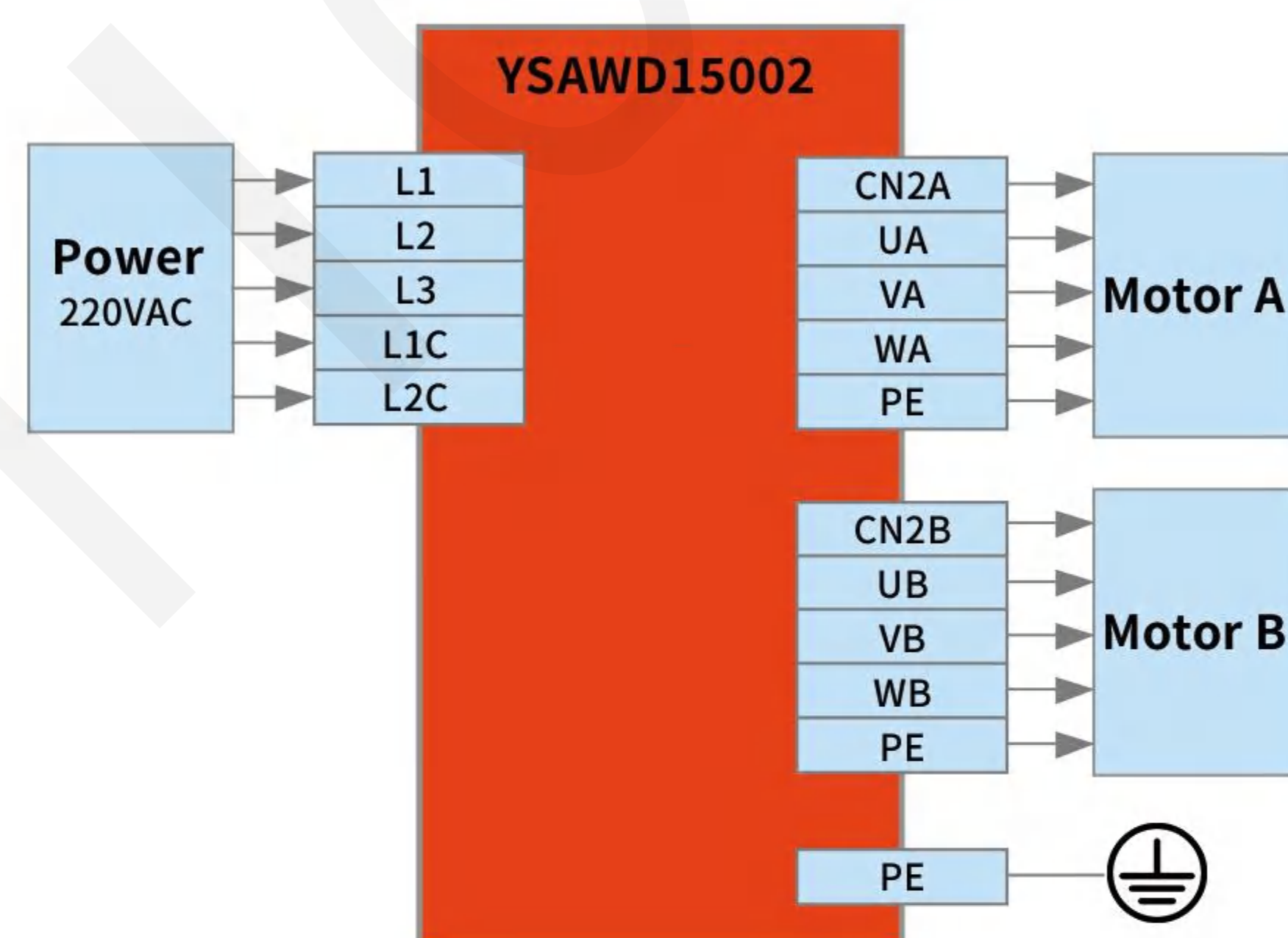
Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	750W	5.5/16.9A	MicroUSB/RS485	Pulse	5~24VDC	2kg	60mm/80mm/110mm

YOSO MOTION Servo Driver

YSAWD15002



Schematic diagram



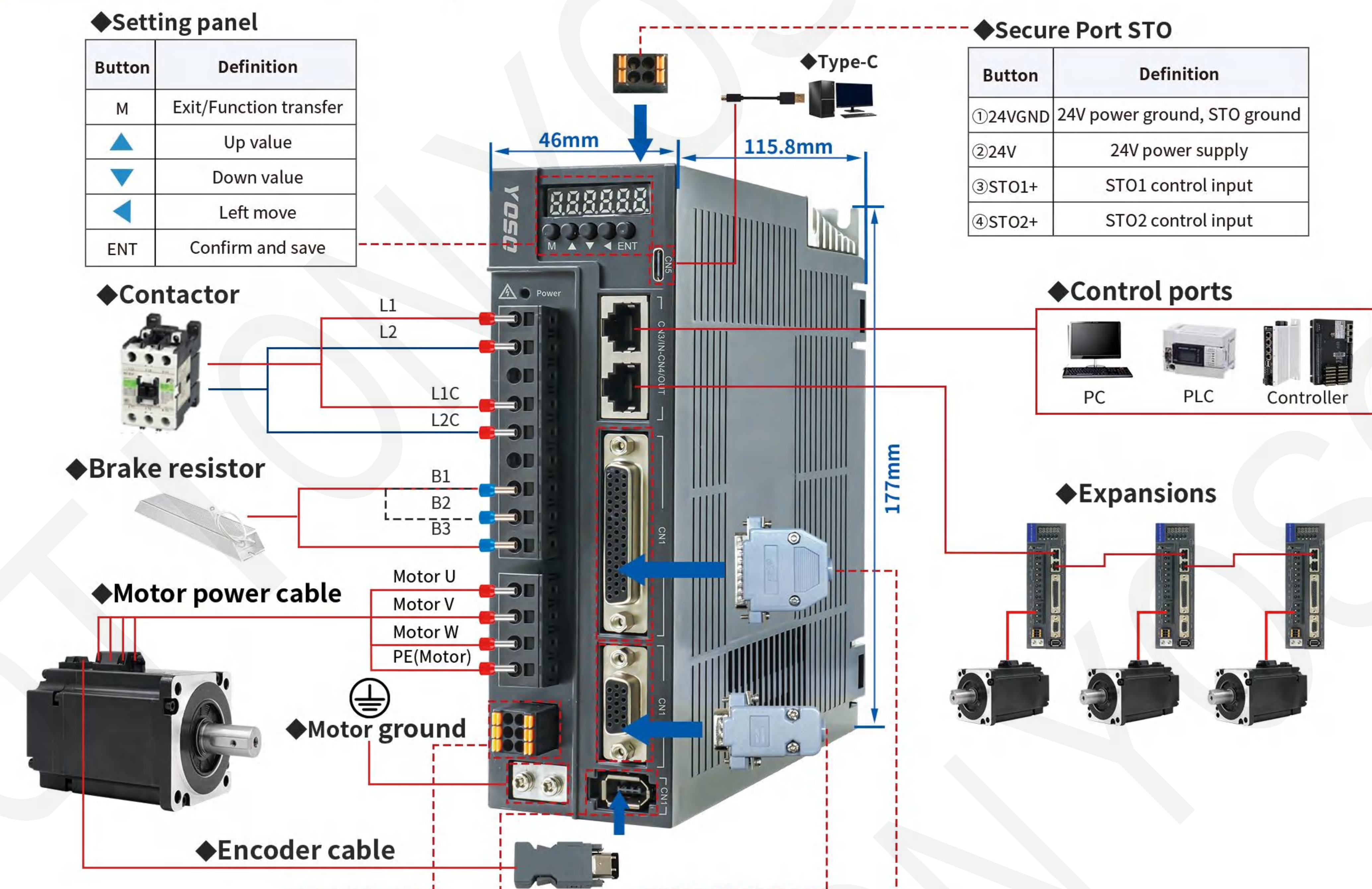
CN1 I/O signal ports

Port	Definition	Port	Definition
①A VREF	A-axis speed analog +	②③DI1	Digital input 1
②B VREF	B-axis speed analog +	②④DICOM	Input common
③A pulse+	A-axis pulse input +	②⑤DI6	Digital input 6
④A direction+	A-axis direction input +	②⑥A OA-	A-axis encoder A -
⑤B pulse+	B-axis pulse input +	②⑦A OB-	A-axis encoder B -
⑥B direction+	B-axis direction input +	②⑧A OZ-	A-axis encoder Z -
⑦DO4-	Digital output port 4 -	②⑨B OZ-	B-axis encoder Z -
⑧DI2	Digital input 2	②⑩GND	Digital/Analog Ground
⑨DI3	Digital input 3	②⑪GND	Digital/Analog Ground
⑩A OA+	A-axis encoder A +	②⑫DO1+	Digital output 1 +
⑪A OB+	A-axis encoder B +	②⑬DO1-	Digital output 1 -
⑫A OZ+	A-axis encoder Z +	②⑭DO2+	Digital output 2 +
⑬B OZ+	B-axis encoder Z +	②⑮DO2-	Digital output 2 -
⑭SEN	None	②⑯DO3+	Digital output 3 +
⑮SEN	None	②⑰DO3-	Digital output 3 -
⑯A TREF	A-axis torque analog +	②⑱DI4	Digital input 4
⑰B TREF	B-axis torque analog +	②⑲DI5	Digital input 5
⑱A pulse-	A-axis pulse input -	②⑴B OA+	Encoder A + output
⑲A direction-	A-axis direction input -	②⑵B OA-	Encoder A - output
⑲B pulse-	B-axis pulse input -	②⑶B OB+	Encoder B + output
⑲B direction-	B-axis direction input -	②⑷B OB-	Encoder B - output
⑲DO4+	Digital output port 4 +	②⑸None	None

Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	1500W	10/28A	MicroUSB/RS485	Pulse	5~24VDC	2kg	110mm/130mm

YSASND4002



CN6 I/O signal ports

Port	Definition
①PTC	Temperature sensor input +
②COM-	Signal group -
③BK+	Brake +
④BK-	Brake -
⑤24V_BK	Power input VDC +
⑥COM_BK	Power input VDC -

CN2 Encoder cable

Port	Definition
①+5V	Output 5V +
②GND	Ground
③NC	NC
④NC	NC
⑤T+	Bus encoder +
⑥T-	Bus encoder -

CN1 I/O signal ports

Port	Definition	Port	Definition
①DO4+	Digital output +	②③OB-	Encoder B output -
②DO3-	Digital output -	②④OZ-	Encoder Z output -
③DO3+	Digital output +	②⑤OB+	Encoder B output +
④DO2-	Digital output -	②⑥DO4-	Digital output -
⑤DO2+	Digital output +	②⑦DO5-	Digital output -
⑥DO1-	Digital output -	②⑧DO5+	Digital output +
⑦DO1+	Digital output +	②⑨GND	Signal ground
⑧DI4-	Digital input -	②⑩DI8-	Digital input -
⑨DI1-	Digital input -	②⑪DI7-	Digital input -
⑩DI2-	Digital input -	②⑫NC	Remain
⑪COM+	Public input terminal	②⑬DI5-	Digital input -
⑫DI6-	Digital input -	②⑭DI3-	Digital input -
⑬OZ+	Encoder Z output +	②⑮24V PULS+/24V SIGN+	24V pulse+ / direction+ share this pin)
⑭24VGND	+24V ground	②⑯NC	Remain
⑮+5V	+5V output (external I/O)	②⑰NC	Remain
⑯GND	Signal ground	②⑱SIGN+	Direction +
⑰+24V	+24V output (external I/O)	②⑲NC	Remain
⑱T_REF	Torque analog control +	②⑳SIGN-	Direction -
⑲GNDA	analog ground	②㉑NC	Remain
⑲V_REF	Speed analog control +	②㉒PULS+	Pulse +
⑲OA+	Encoder A output +	②㉓NC	Remain
⑲OA-	Encoder A output -	②㉔PULS-	Pulse -
		②㉕OCZ	Encoder Z output

CN2/1 External encoder

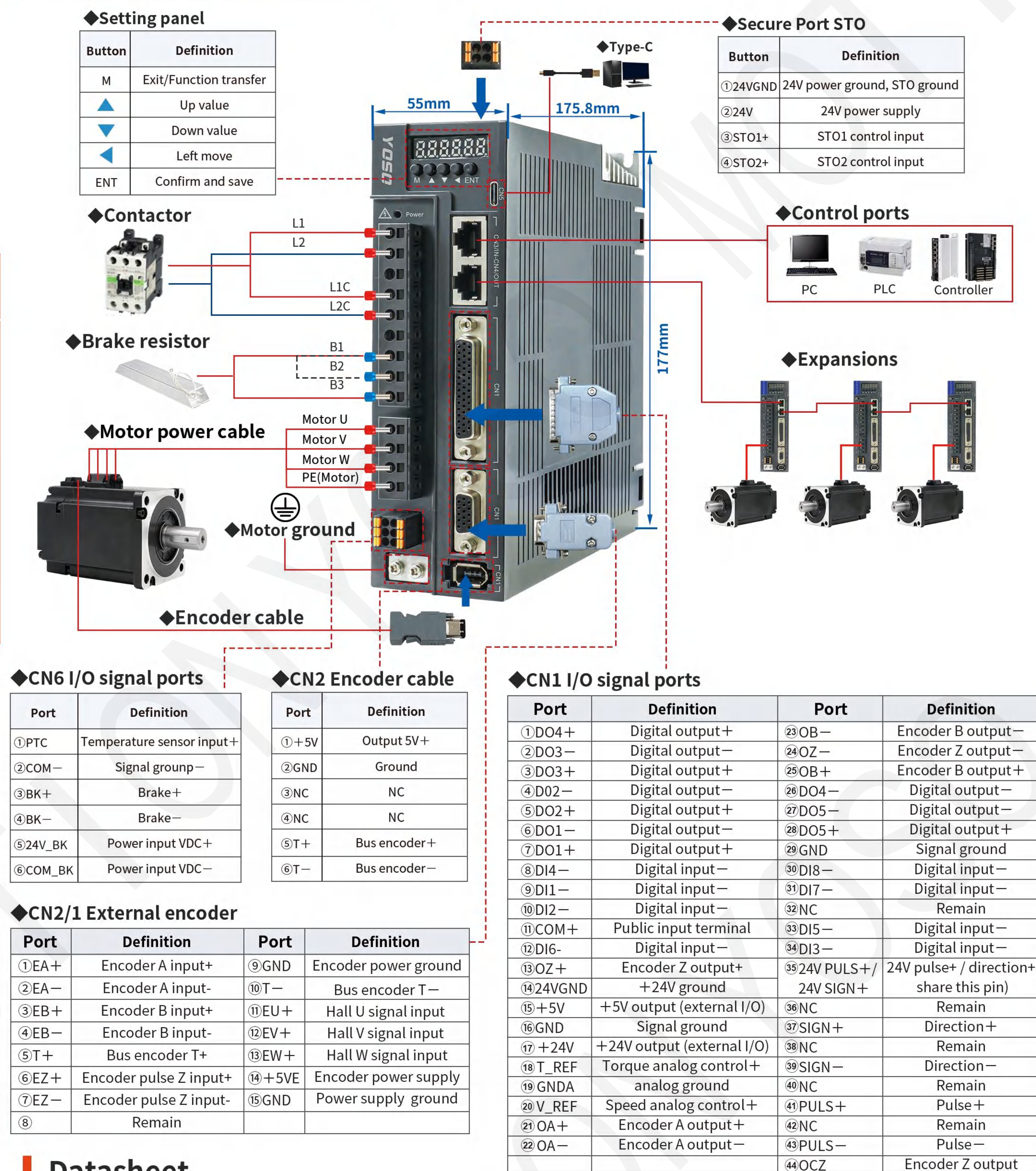
Port	Definition	Port	Definition
①EA+	Encoder A input +	⑨GND	Encoder power ground
②EA-	Encoder A input -	⑩T-	Bus encoder T -
③EB+	Encoder B input +	⑪EU+	Hall U signal input
④EB-	Encoder B input -	⑫EV+	Hall V signal input
⑤T+	Bus encoder T +	⑬EW+	Hall W signal input
⑥EZ+	Encoder pulse Z input +	⑭+5VE	Encoder power supply
⑦EZ-	Encoder pulse Z input -	⑮GND	Power supply ground
⑧	Remain		

Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	400W	2.8/9.6A	Type-C/RS485	Pulse	5~24VDC	1.35kg	40mm

YOSO MOTION Servo Driver

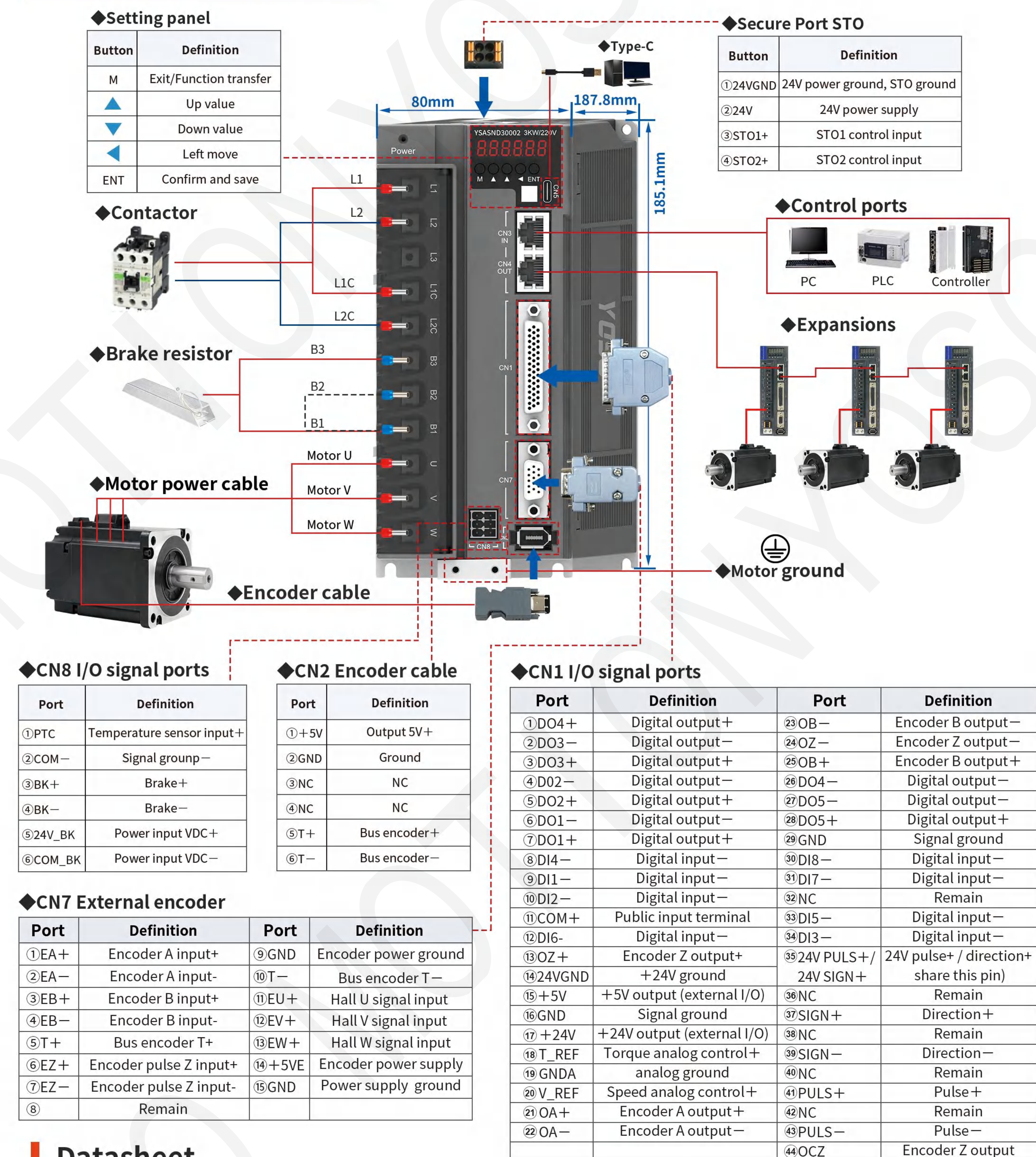
YSASND10002



Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	1000W	5.5/16.9A	Type-C/RS485	Pulse	5~24VDC	1.35kg	80mm/110mm

YSASND30002

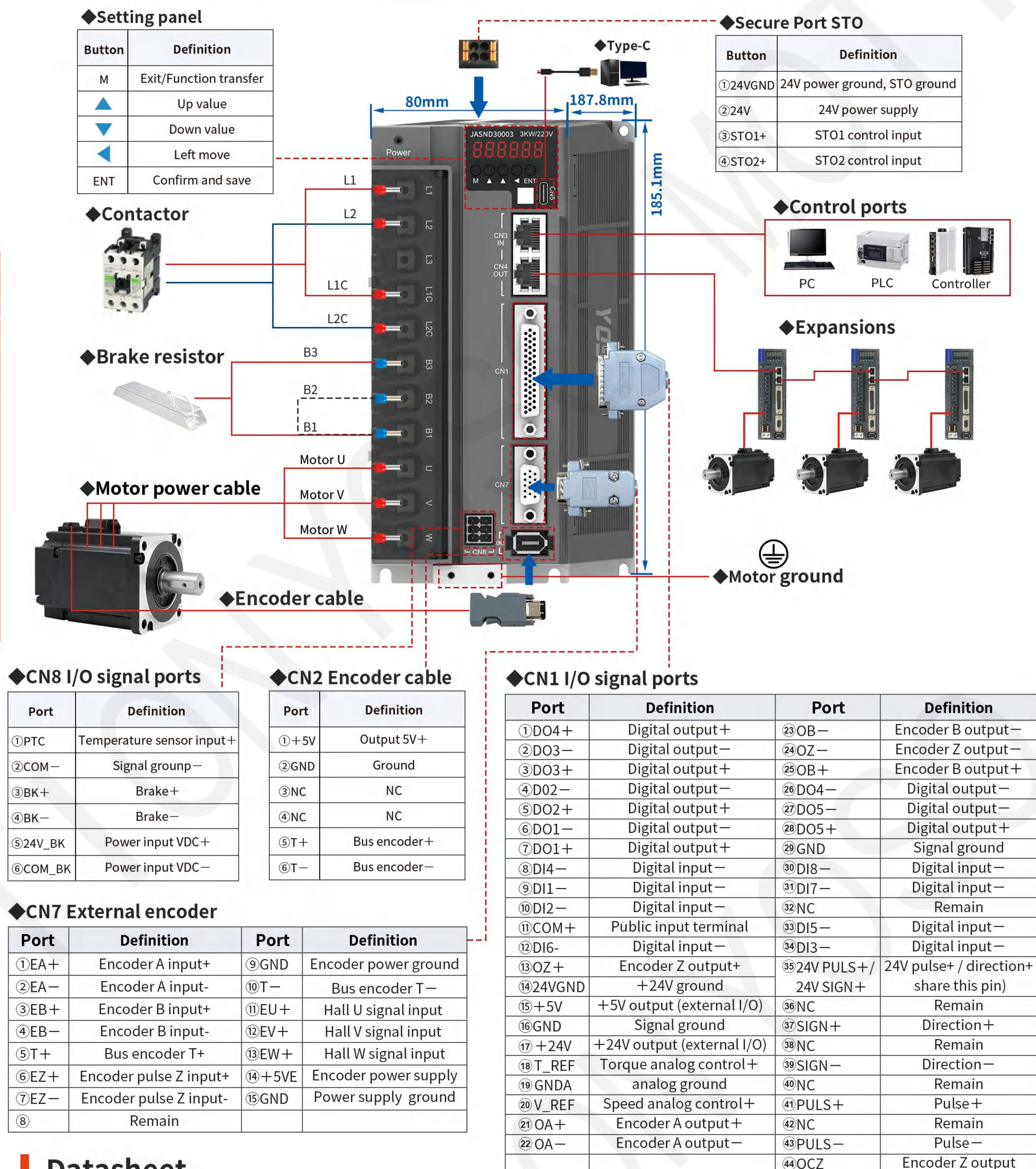


Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	3000W	20/50A	Type-C/RS485	Pulse	5~24VDC	1.5kg	110mm/130mm

YOSO MOTION Servo Driver

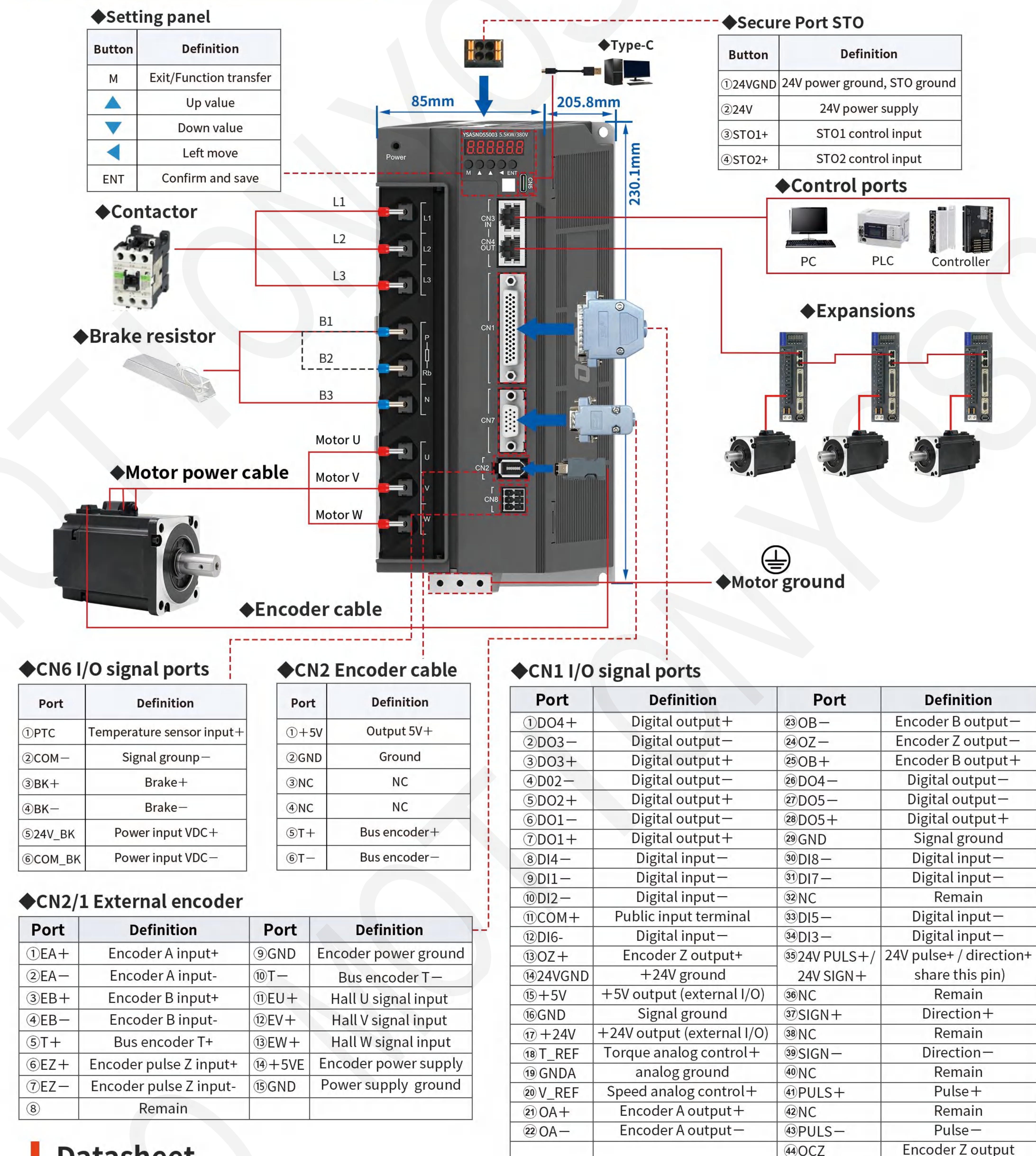
YSASND30003



Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
220V(AC)	3000W	6/12A	Type-C/RS485	Pulse	5~24VDC	1.5kg	130mm/180mm

YSASND55003

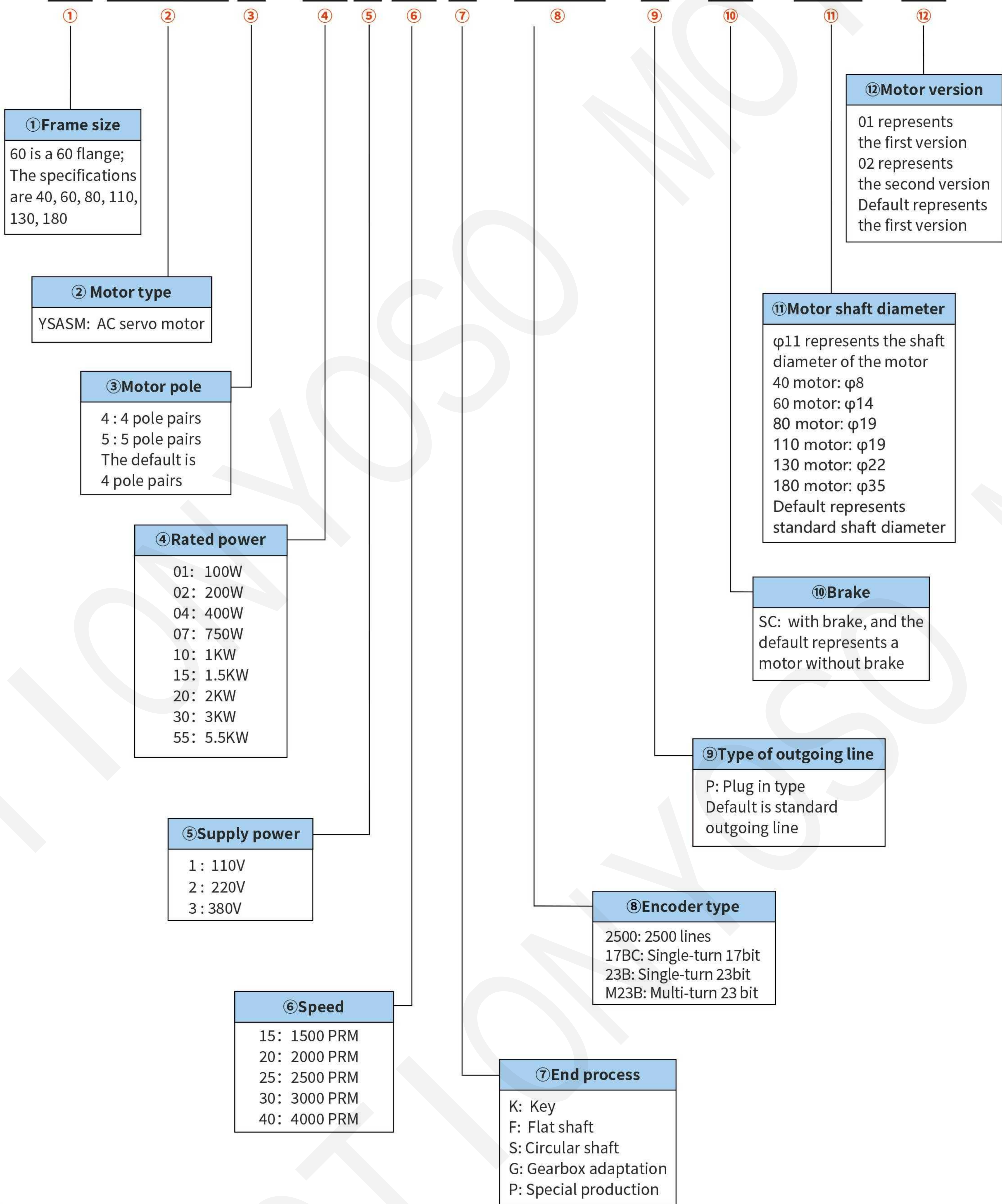


Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
380V(AC)	5500W	12/24A	Type-C/RS485	Pulse	5~24VDC	2kg	180mm

AC Servo Motor

60 YSASM 5 - 04 2 30 K - 17BC - P - SC - φ14 - 01



17Bit / 23Bit encoder AC motor selection

Model (Standard/ Barke type :-+SC)	Frame size	Rated power (W)	Rated/Peak torque (Nm)	Rated /Max current (A)	Rated/Max speed (r/min)	Rotor inertia (10 ⁻⁴ · m ²)	Shaft dia (mm)	Weight (KG)	Matching driver
40YSASM501230K-17/23BC	40	100	0.32/0.96	0.9/2.7	3000/5000	0.035	Φ8	0.5	YSAND2002-20B
40YSASM501230K-17/23BC-SC								0.65	
60YSASM502230K-17/23BC	60	200	0.64/1.91	1.7/5.1	3000/6000	0.28	Φ14	0.8	YSAND2002-20B
60YSASM502230K-17/23BC-SC								0.95	
60YSASM504230K-17/23BC	60	400	1.27/3.81	2.5/7.5	3000/6000	0.53	Φ14	1.2	YSAND2002-20B
60YSASM504230K-17/23BC-SC								1.6	
80YSASM507230K-17/23BC	80	750	2.39/7.17	3.5/10.5	3000/5000	1.49	Φ19	2.2	YSAND7502-20B
80YSASM507230K-17/23BC-SC								2.9	
80YSASM510230K-17/23BC	80	1000	3.18/9.54	4.8/14.4	3000/5000	1.98	Φ19	2.7	YSAND15002-20B
80YSASM510230K-17/23BC-SC								3.5	
110YSASM510220K-17/23BC	110	1000	1.2/11.46	5.5/16.5	2500/3000	3.8	Φ19	4.7	YSAND15002-20B
110YSASM510220K-17/23BC-SC								6.2	
110YSASM517225K-17/23BC	110	1500	1.5/17.19	6.8/20.4	2500/3000	5.2	Φ19	5.7	YSAND15002-20B
110YSASM517225K-17/23BC-SC								6.5	
130YSASM508215K-17/23BC	130	850	5.39/16.17	6.9/20.7	1500/3000	14.8	Φ22	5.76	YSAND15002-20B
130YSASM508215K-17/23BC-SC								8.4	
130YSASM515215K-17/23BC	130	1500	9.55/19.1	6.2/13	1500/3000	12.3	Φ22	8.30	YSAND15002-20B
130YSASM515215K-17/23BCN-SC								8.6	
130YSASM515220K-17/23BC	130	1500	7.16/14.32	7.8/15.6	2000/3000	9.2	Φ22	7.1	YSAND15002-20B
130YSASM515220K-17/23BC-SC								9.5	
130YSASM515230K-17/23BC	130	1500	4.77/7.1	5.8/8.6	3000/3500	6.2	Φ22	5.4	YSAND15002-20B
130YSASM515230K-17/23BC-SC								7.6	
130YSASM520230K-17/23BC	130	2000	6.4/10.8	8.5/17	3000/3500	9.2	Φ22	7.10	YSASD20002-20B
130YSASM520230K-17/23BC-SC								9.5	
130YSASM523215K-17/23BC	130	2300	14.3/28.6	11/22	1500/2000	18.8	Φ22	10.7	YSASD20002-20B
130YSASM523215K-17/23BC-SC								12.5	
130YSASM530220K-17/23BC	130	3000	14.3/28.6	16.5/33	2000/3000	28.5	Φ22	10.7	YSASD30002-20B
130YSASM530220K-17/23BC-SC								12.5	

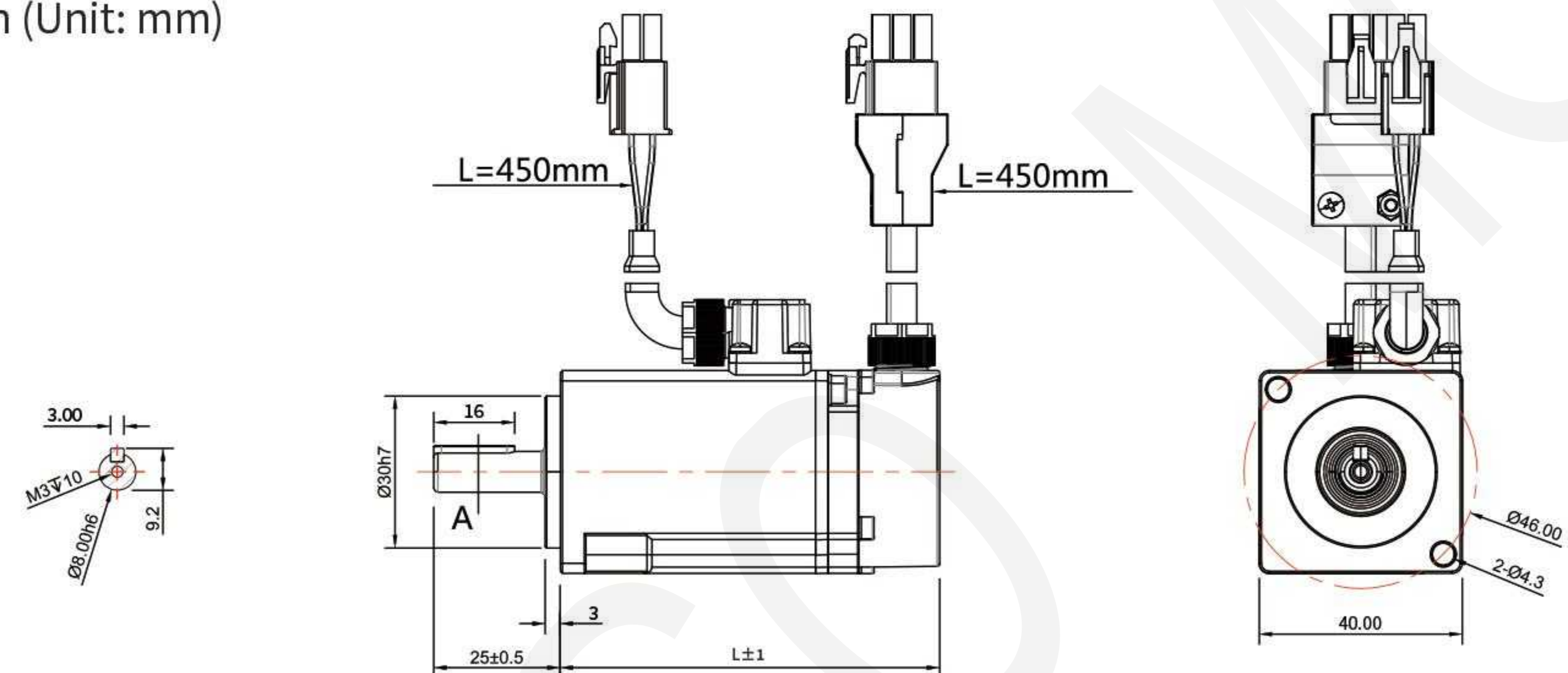
YOSO MOTION Servo Motor

Datasheet and dimension

*40/60/80 frame, 17BC motor series parameters

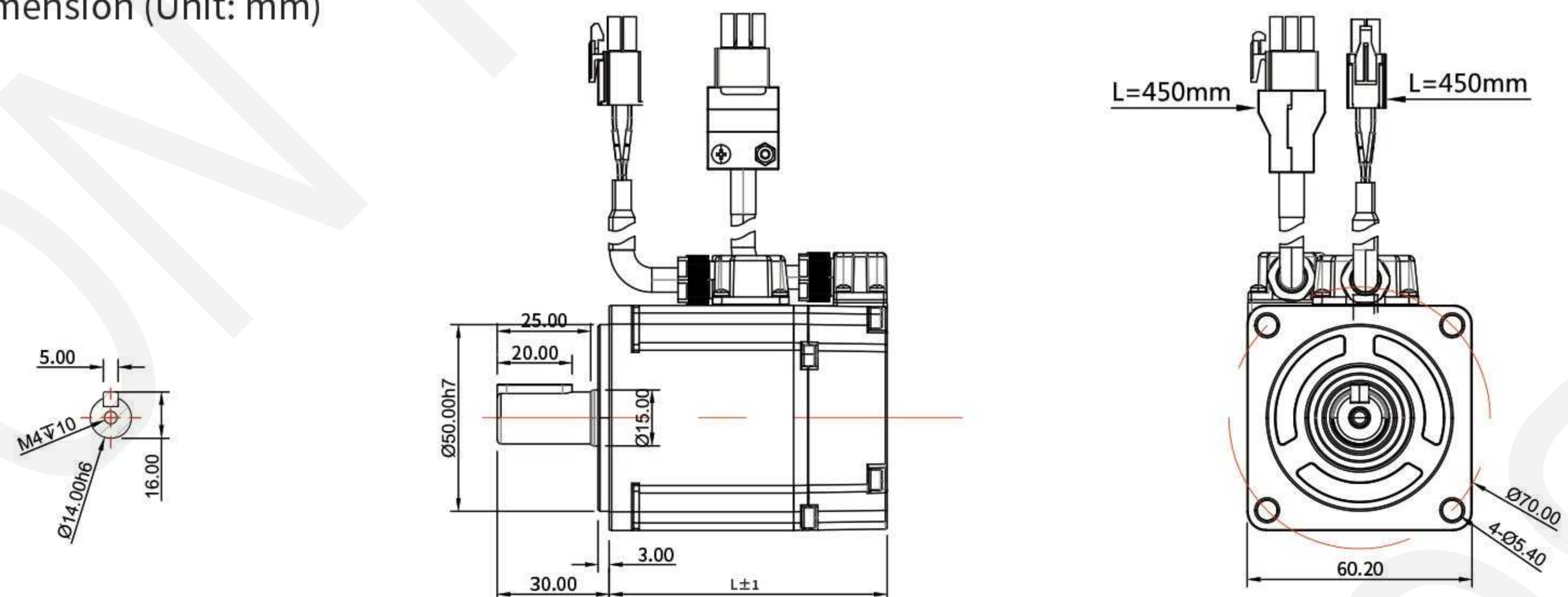
Model	Length (mm)	Rated power (W)	Rated torque (Nm)	Peak torque (Nm)	Rated current (A)	Max current (A)	Rotor inertia ($10^{-4} \cdot m^2$)	Rated/max speed (r/min)	Weight (KG)	Matching driver
40YSASM501230K-17BC	74.80	100	0.32	0.96	0.9	2.7	0.035	3000/5000	0.5	YSAND2002-20B

Installation dimension (Unit: mm)



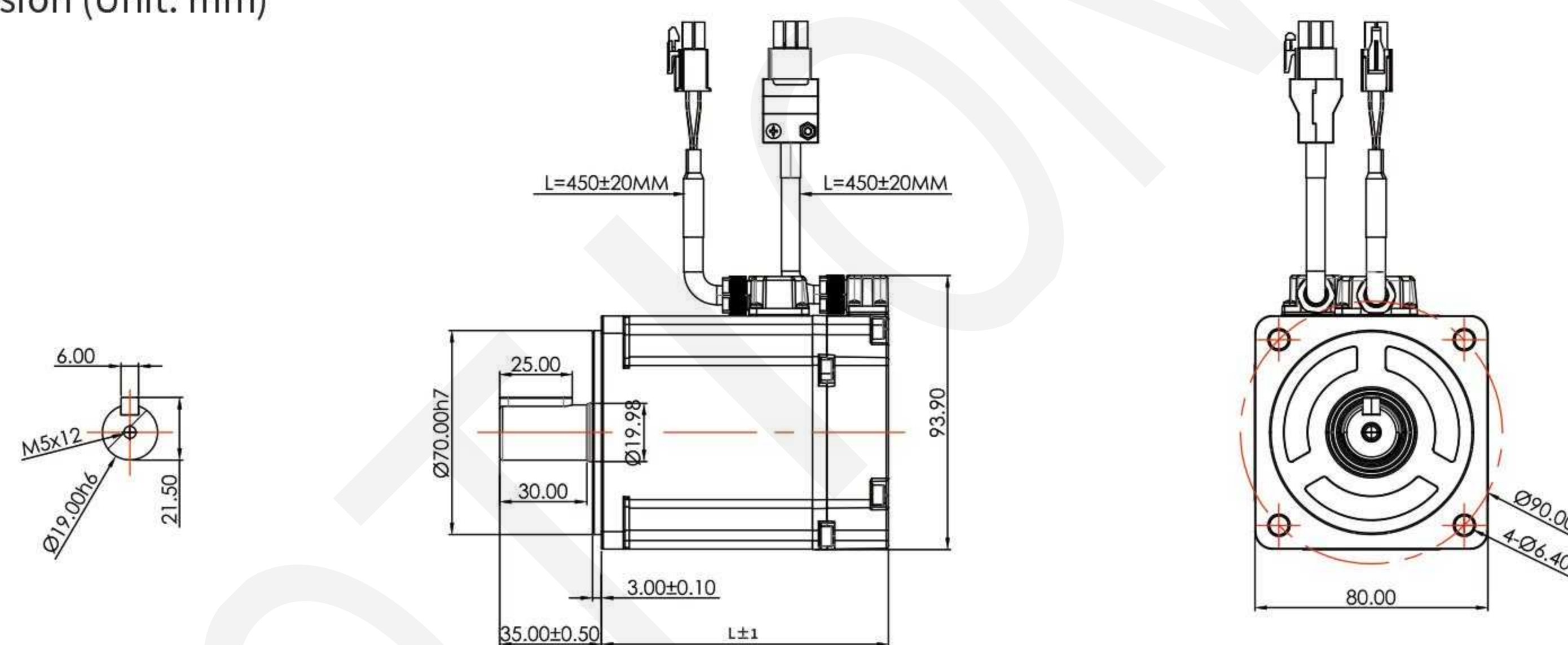
Model	Length (mm)	Rated power (W)	Rated torque (Nm)	Peak torque (Nm)	Rated current (A)	Max current (A)	Rotor inertia ($10^{-4} \cdot m^2$)	Rated/max speed (r/min)	Weight (KG)	Matching driver
60YSASM502230K-17BC	74.34	200	0.64	1.91	1.7	5.1	0.28	3000/6000	0.8	YSAND2002-20B
60YSASM504230K-17BC	91.76	400	1.27	3.81	2.5	7.5	0.53	3000/6000	1.2	YSAND4002-20B

Installation dimension (Unit: mm)



Model	Length (mm)	Rated power (W)	Rated torque (Nm)	Peak torque (Nm)	Rated current (A)	Max current (A)	Rotor inertia ($10^{-4} \cdot m^2$)	Rated/max speed (r/min)	Weight (KG)	Matching driver
80YSASM507230K-17BC	98.50	750	2.39	7.17	3.5	10.5	1.49	3000/5000	2.2	YSAND7502-20B
80YSASM510230K-17BC	114.00	1000	3.18	9.54	4.8	14.4	1.98	3000/4500	2.7	YSAND15002-20B

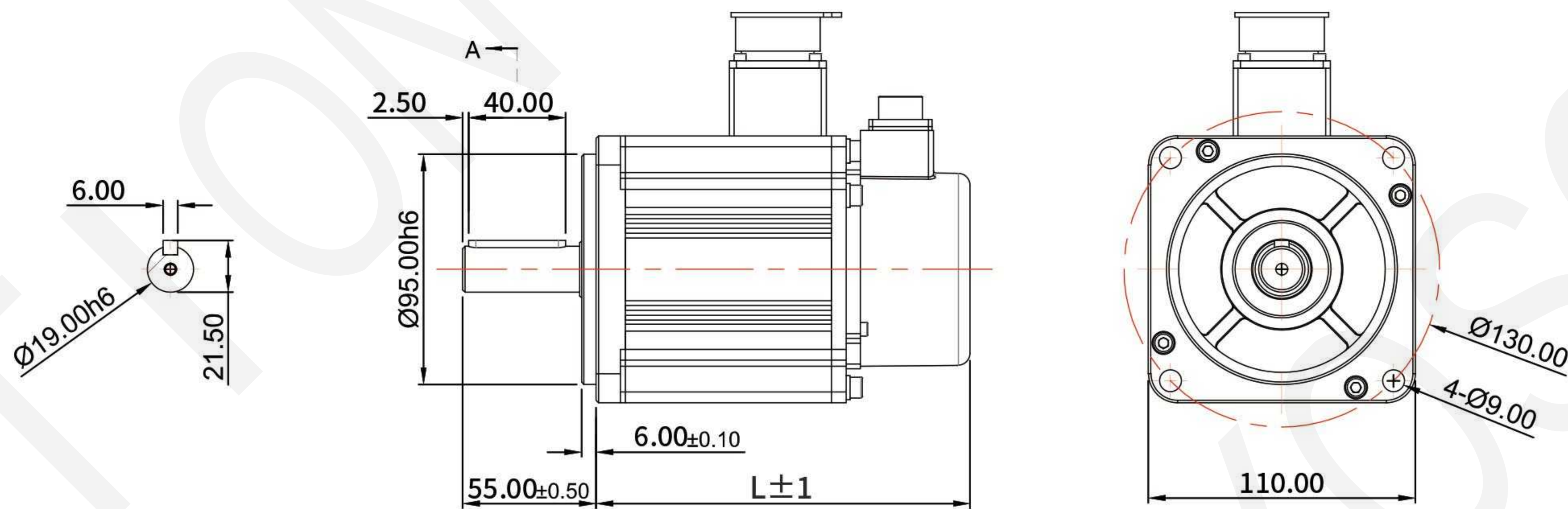
Installation dimension (Unit: mm)



*110 frame, 17BC motor series parameters

Model	Length (mm)	Rated power (W)	Rated torque (Nm)	Peak torque (Nm)	Rated current (A)	Max current (A)	Rotor inertia ($10^{-4} \cdot m^2$)	Rated/max speed (r/min)	Weight (KG)	Matching driver
110YSASM510225K-17BC	170.00	1000	3.82	11.46	5.5	16.5	3.8	2500/3000	4.7	YSAND15002-20B
110YSASM515225K-17BC	186.00	1500	5.73	17.19	6.8	20.4	5.2	2500/3000	5.7	YSAND15002-20B

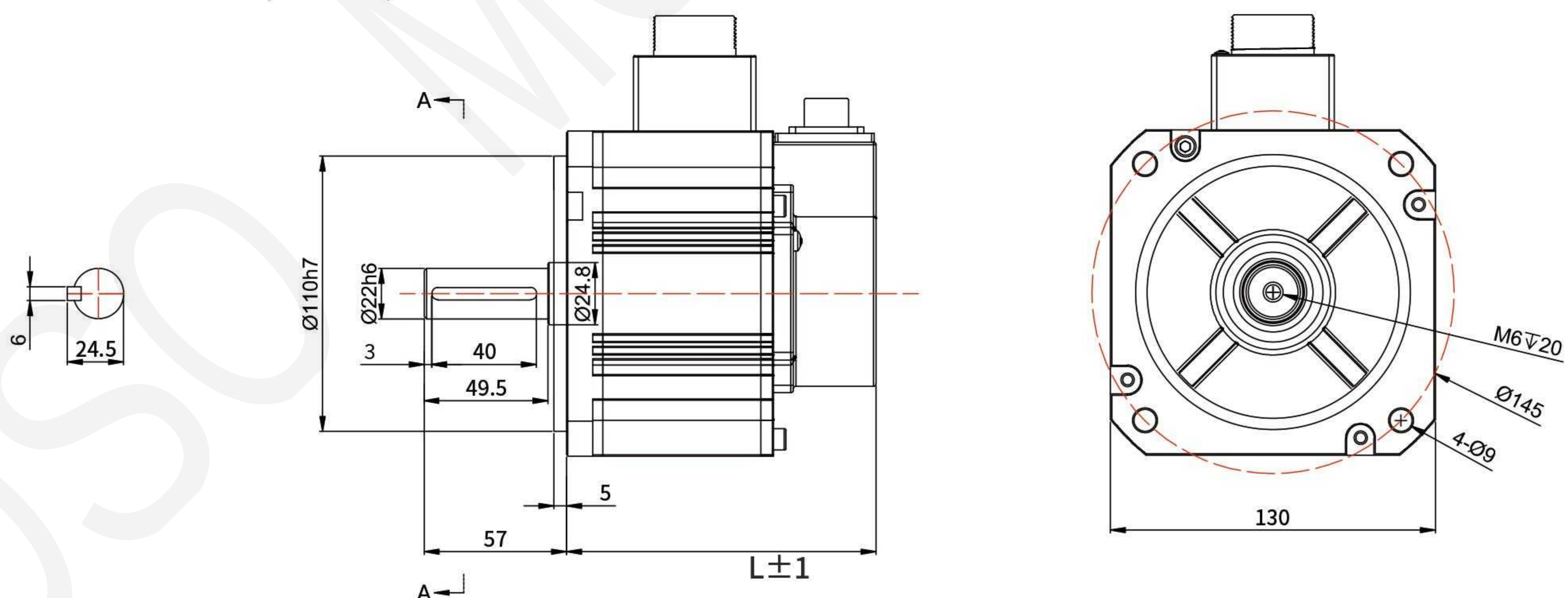
Installation dimension (Unit: mm)



*130 frame, 17BC motor series parameters

Model	Length (mm)	Rated power (W)	Rated torque (Nm)	Peak torque (Nm)	Rated current (A)	Max current (A)	Rotor inertia ($10^{-4} \cdot m^2$)	Rated/max speed (r/min)	Weight (KG)	Matching driver
130YSASM508215K-17BC	157.00	850	5.39	16.17	6.9	20.7	14.8	1500/3000	5.76	YSAND15002-20B
130YSASM515215K-17BC	170.00	1500	9.55	19.1	6.2	13	12.3	1500/3000	8.30	YSAND15002-20B
130YSASM515220K-17BC	152.50	1500	7.16	14.32	7.8	15.6	9.2	2000/3000	7.10	YSAND15002-20B
130YSASM515230K-17BC	135.00	1500	4.77	7.1	5.8	8.6	6.2	3000/3500	5.40	YSAND15002-20B
130YSASM520230K-17BC	152.50	2000	6.4	10.8	8.5	17	9.2	3000/3500	7.10	YSASD30002-20B
130YSASM523215K-17BC	200.00	2300	14.3	28.6	11	22	18.8	1500/2000	10.70	YSASD30002-20B
130YSASM530220K-17BC	200.00	3000	14.3	28.6	16.5	33	28.5	2000/3000	10.70	YSASD30002-20B

Installation dimension (Unit: mm)



DC Servo Driver

Part Description



YSCAC 8 25 - 23B - XXX

①Series Name
YSCAC Low voltage servo driver

⑤Product Design Number
Special function module
Default is the standard model
2X: Dual axis servo

②Driver supports voltage
Multiply by 10 for voltage level
6: 60VDC and below 60V
7: 70VDC and below 70V
8: 80VDC and below

④Support encoder
33B: Absolute formula
M23B: Multi circle absolute formula

③Driver output current
08: 8A; 10: 10A
25: 25A; 40: 40A
45: 45A; A0: 100A

Selection table

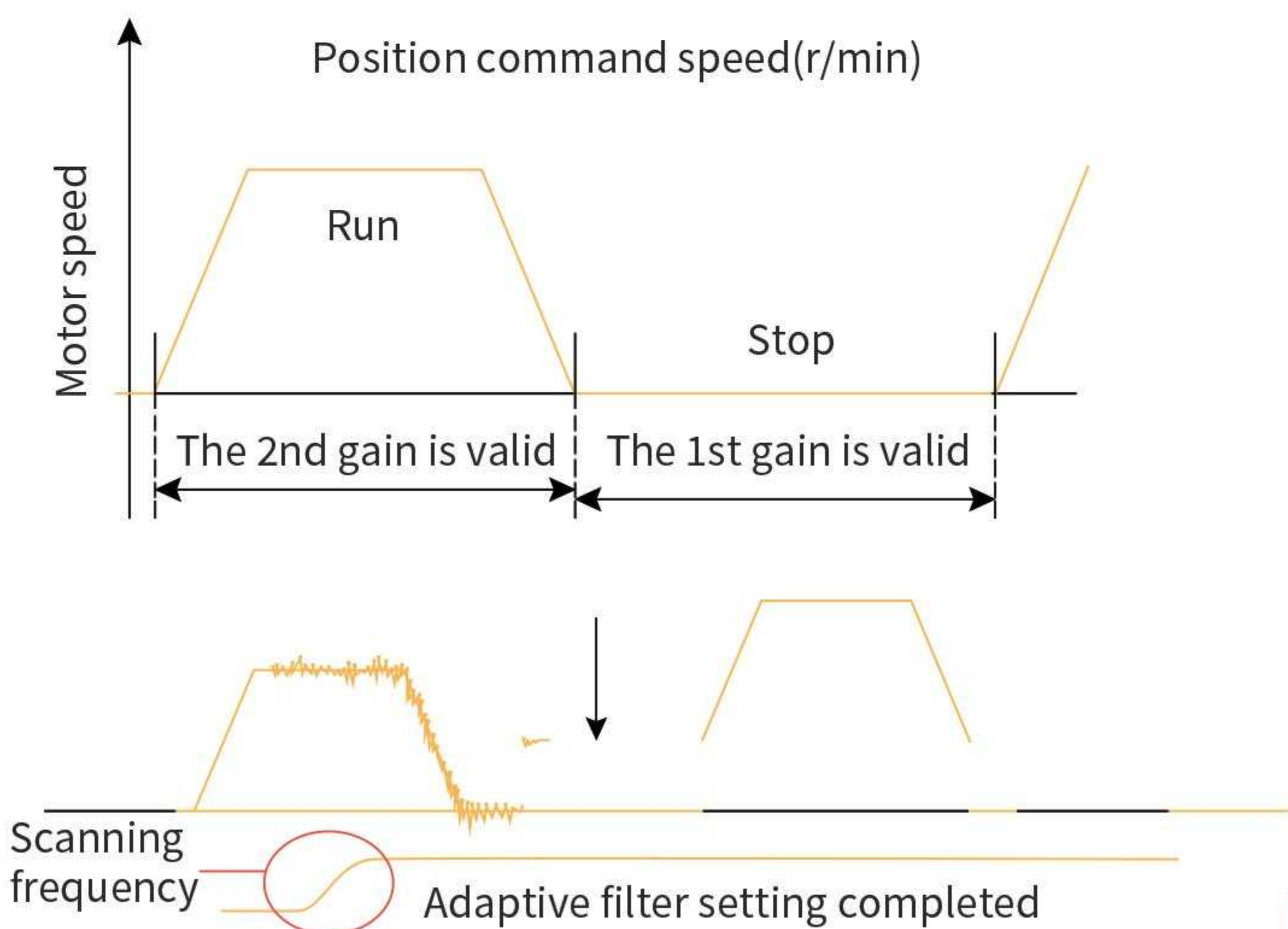
Model	Power supply voltage	Output current	Digital signal	Matching motor
 YSCAC610	24~60VDC	10A		40/57/60mm base
 YSCAC825	24~80VDC	25A	Digital input: current 6~16mA voltage 5~24VDC	57/60mm base
 YSCAC845		45A	Digital output: current 0~50mA voltage 0~30VDC	80mm base
 YSCAC8A0		100A		110/130mm base

Driver interface



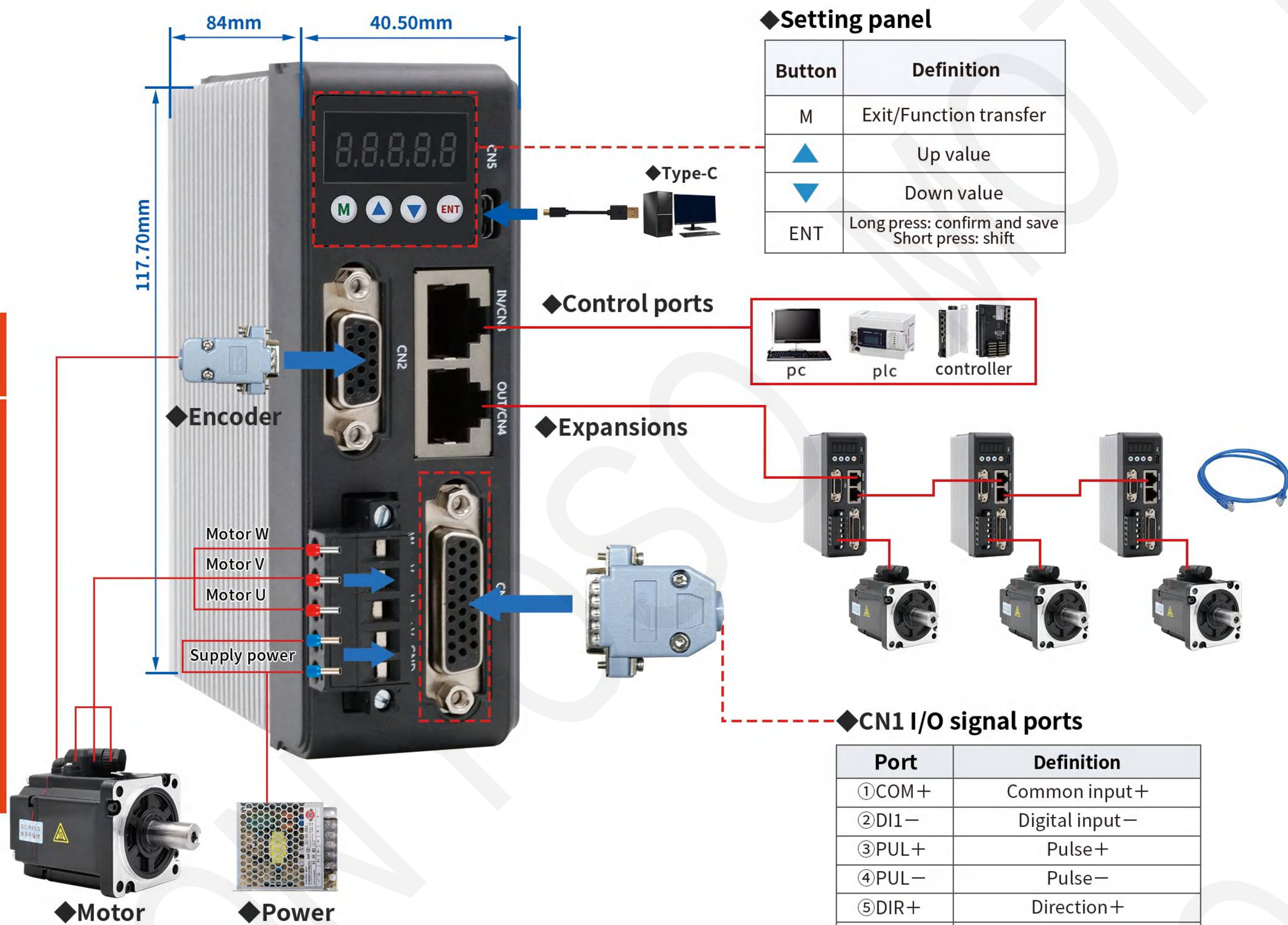
Features Brief

- 1、Gain 2-stage function
- 2、Regenerative energy processing function
- 3、Friction torque compensation function
- 4、Auto/Manual notch filter
- 5、I/O signal assignment function
- 6、Torque limit switching function



YOSO MOTION Servo Driver

YSCAC610



◆Setting panel

Button	Definition
M	Exit/Function transfer
▲	Up value
▼	Down value
ENT	Long press: confirm and save Short press: shift

◆Control ports



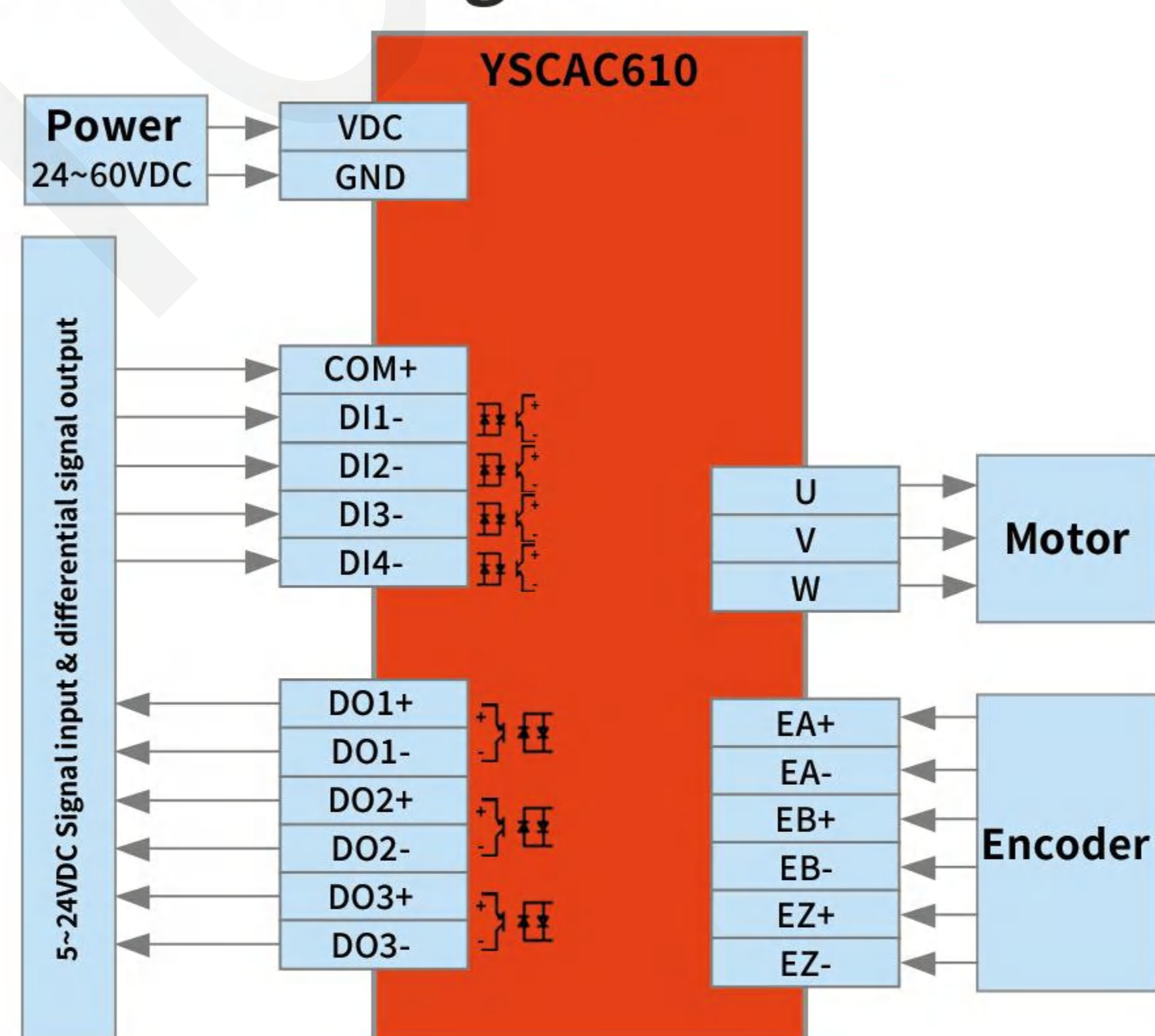
◆Expansions



◆CN1 I/O signal ports

Port	Definition
①COM+	Common input+
②DI1-	Digital input-
③PUL+	Pulse+
④PUL-	Pulse-
⑤DIR+	Direction+
⑥DIR-	Direction-
⑦DI2-	Digital input-
⑧DO1+	Digital output+
⑨DO1-	Digital output-
⑩DO2+	Digital output+
⑪DO2-	Digital output-
⑫DO3+	Digital output+
⑬DO3-	Digital output-
⑭DI3-	Digital input-
⑮DI4-	Digital input-
⑯T_REF	Remain
⑰V_REF	Remain
⑱OCZ	Encoder Z phase collector
⑲+15V	For analog command
⑳OA+	Encoder A phase+
㉑OA-	Encoder A phase-
㉒OB+	Encoder B phase+
㉓OB-	Encoder B phase-
㉔OZ+	Encoder Z phase+
㉕OZ-	Encoder Z phase-
㉖GND	Power ground

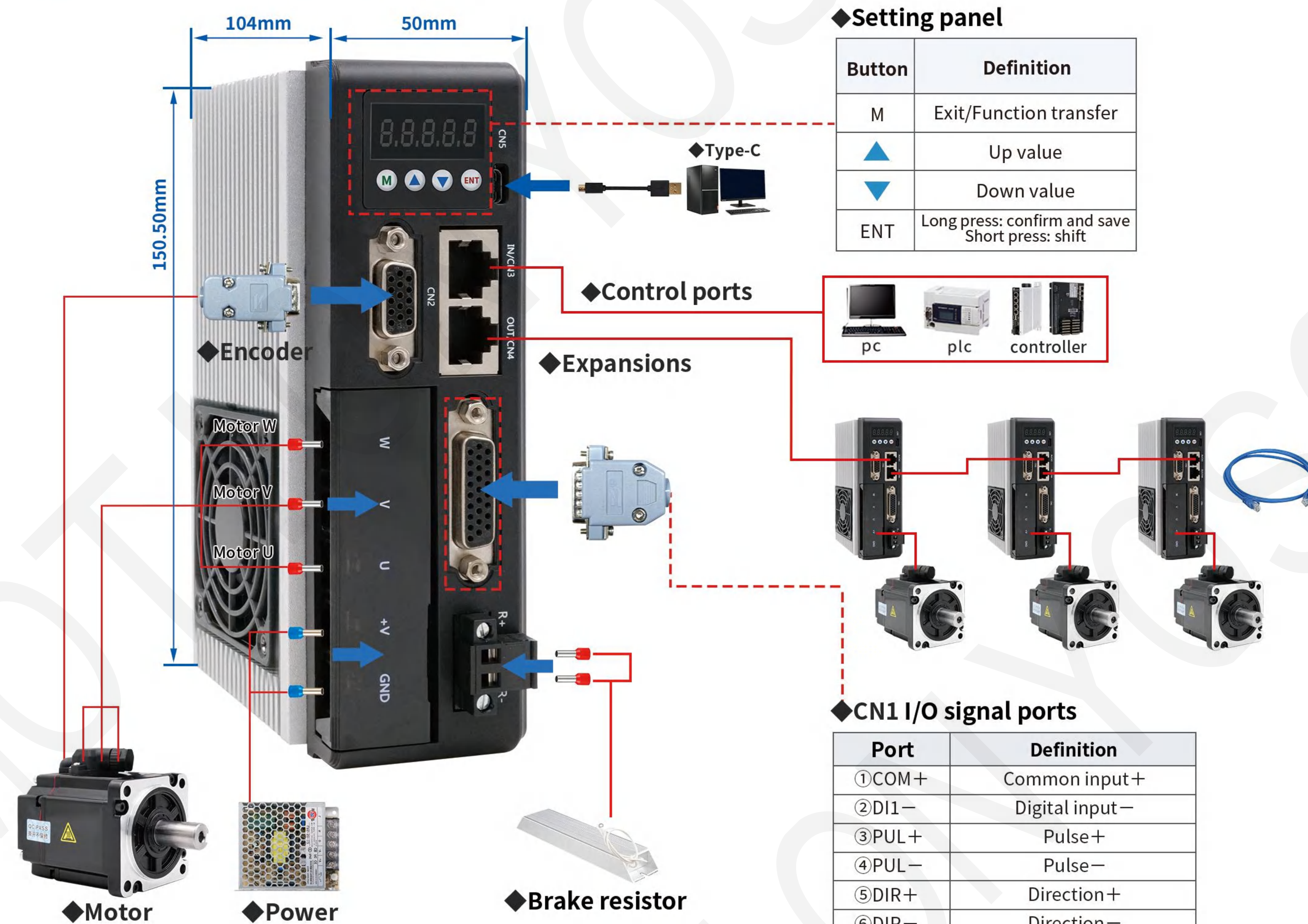
Schematic diagram



Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
24~60V(DC)	200W	10/20A	Type-C/ RS485	Pulse	5~24VDC	0.4kg	40mm

YSCAC825



◆Setting panel

Button	Definition
M	Exit/Function transfer
▲	Up value
▼	Down value
ENT	Long press: confirm and save Short press: shift

◆Control ports



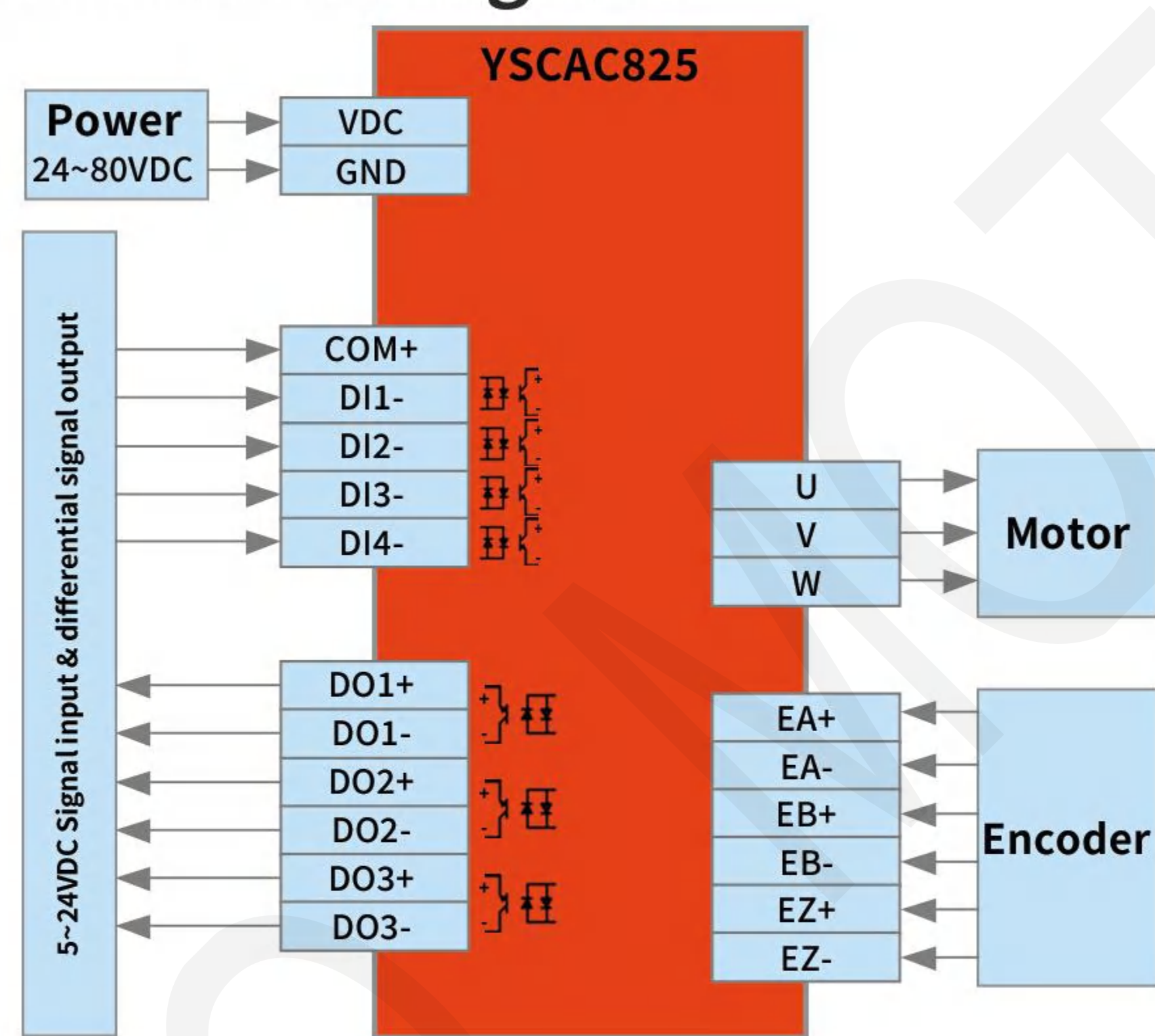
◆Expansions



◆CN1 I/O signal ports

Port	Definition
①COM+	Common input+
②DI1-	Digital input-
③PUL+	Pulse+
④PUL-	Pulse-
⑤DIR+	Direction+
⑥DIR-	Direction-
⑦DI2-	Digital input-
⑧DO1+	Digital output+
⑨DO1-	Digital output-
⑩DO2+	Digital output+
⑪DO2-	Digital output-
⑫DO3+	Digital output+
⑬DO3-	Digital output-
⑭DI3-	Digital input-
⑮DI4-	Digital input-
⑯T_REF	Remain
⑰V_REF	Remain
⑱OCZ	Encoder Z phase collector
⑲+15V	For analog command
㉑OA+	Encoder A phase+
㉒OA-	Encoder A phase-
㉓OB+	Encoder B phase+
㉔OB-	Encoder B phase-
㉕OZ+	Encoder Z phase+
㉖OZ-	Encoder Z phase-
㉖GND	Power ground

Schematic diagram

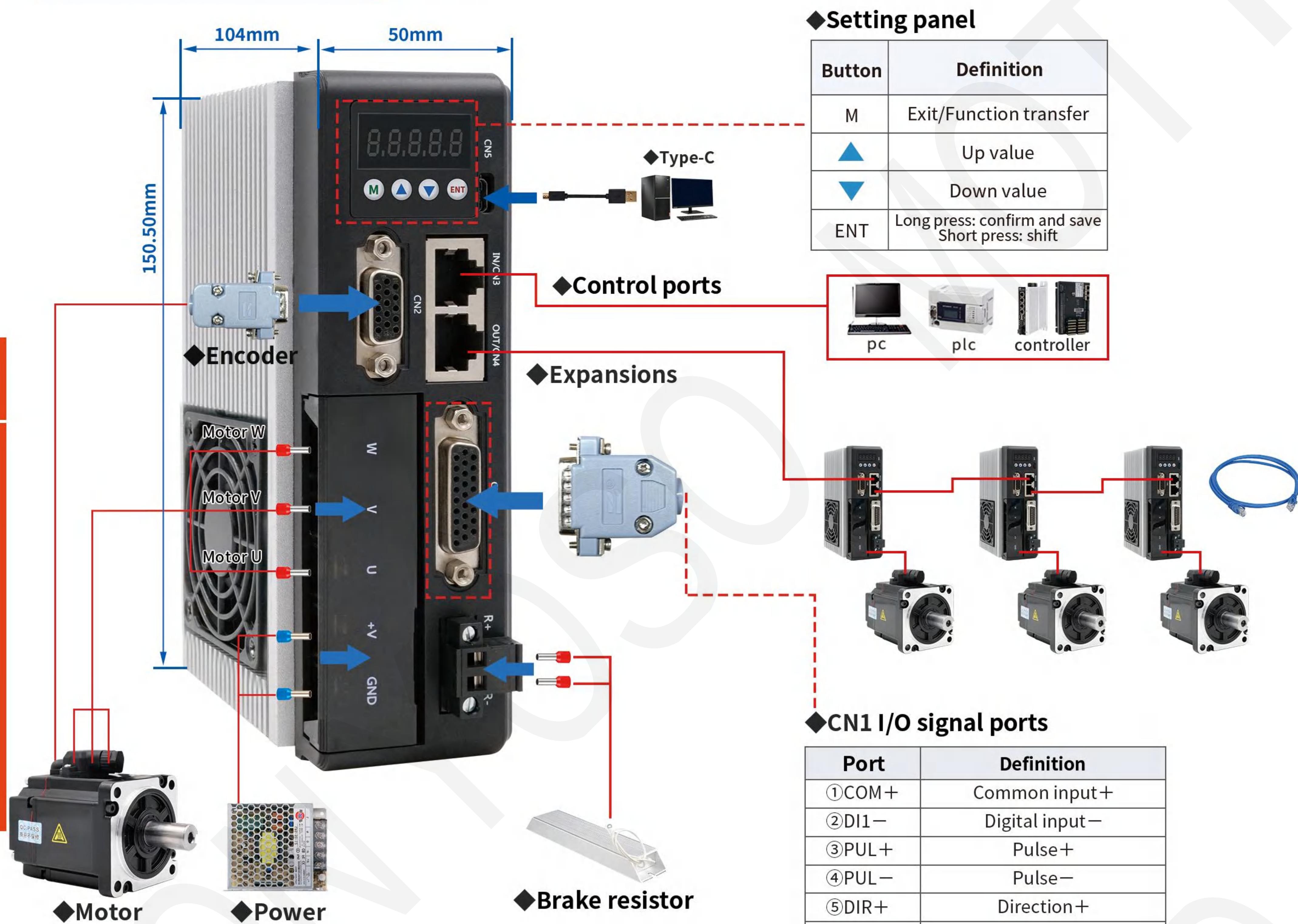


Datasheet

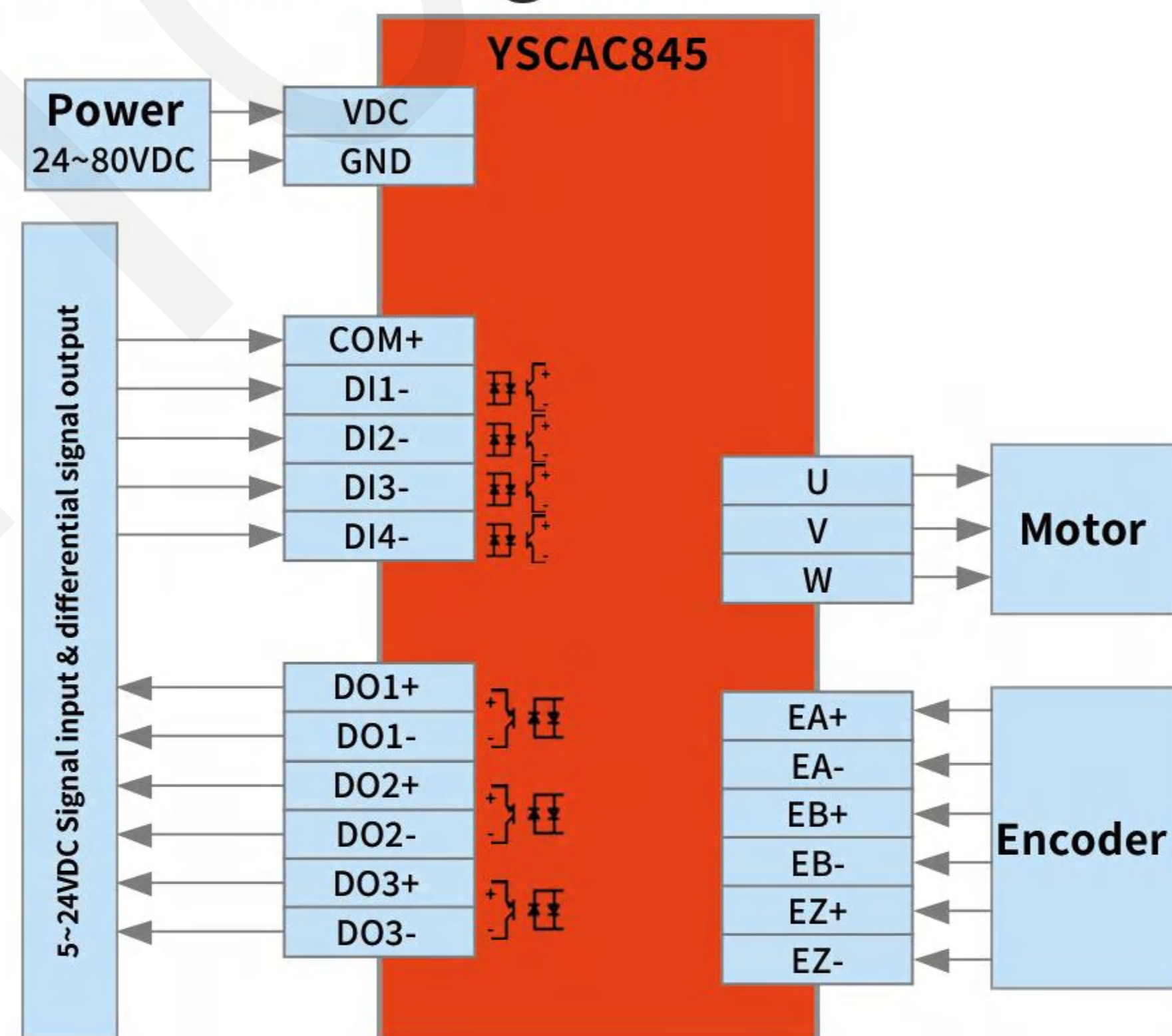
Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
24~80V(DC)	400W	25/50A	Type-C/ RS485	Pulse	5~24VDC	0.8kg	60mm

YOSO MOTION Servo Driver

YSCAC845



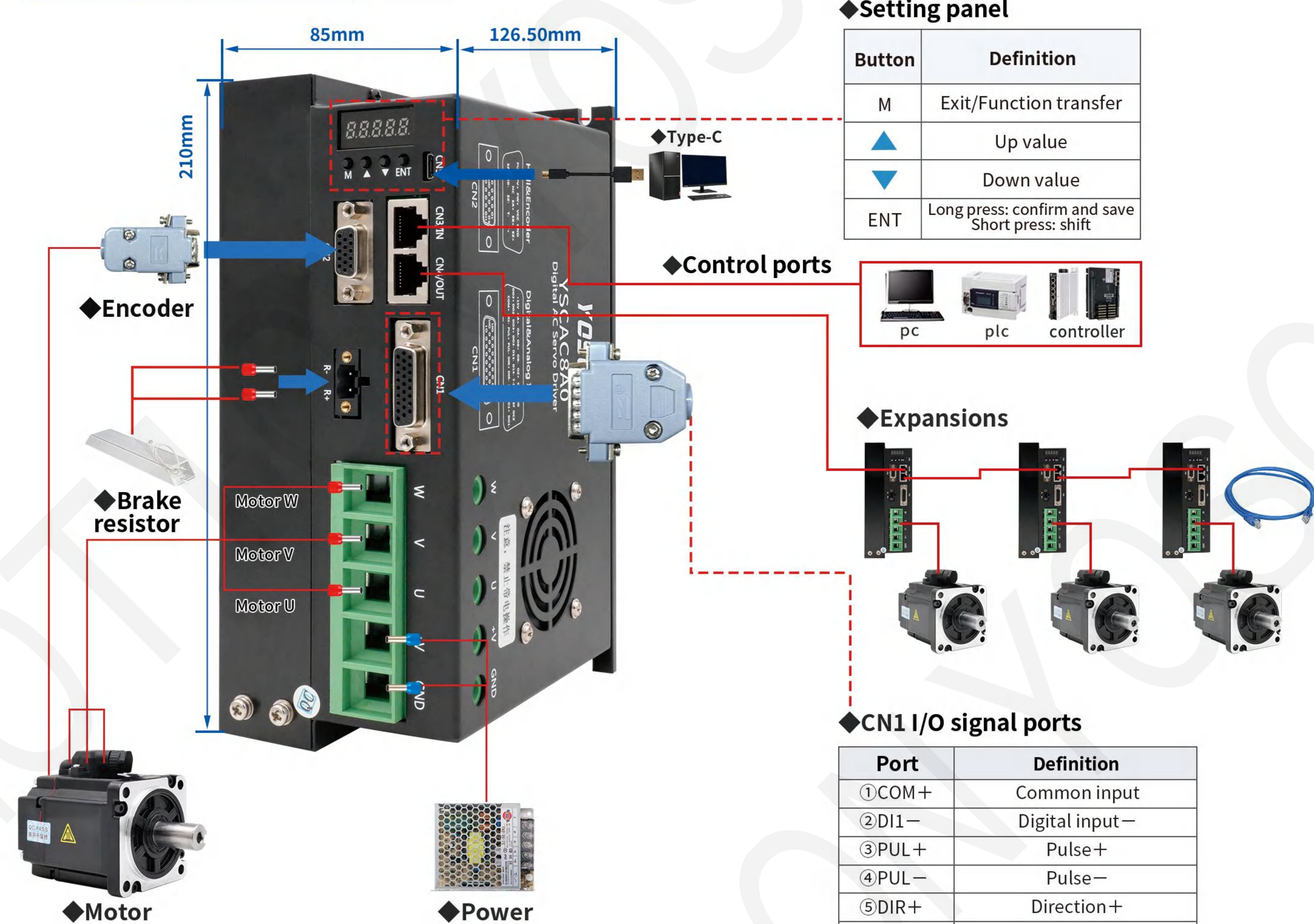
Schematic diagram



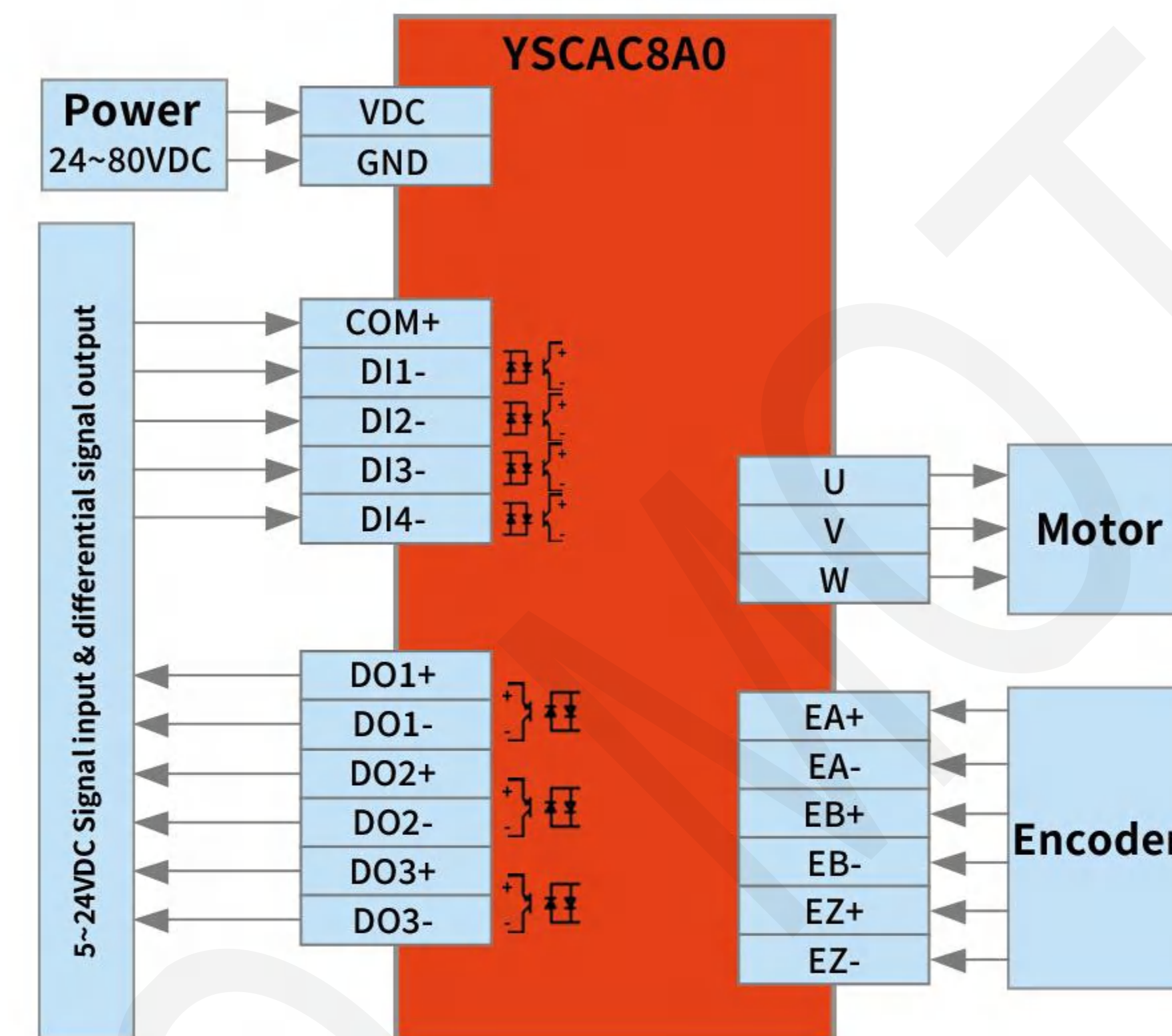
Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
24~80V(DC)	750/1000W	45/90A	Type-C/RS485	Pulse	5~24VDC	0.7kg	80mm

YSCAC8A0



Schematic diagram

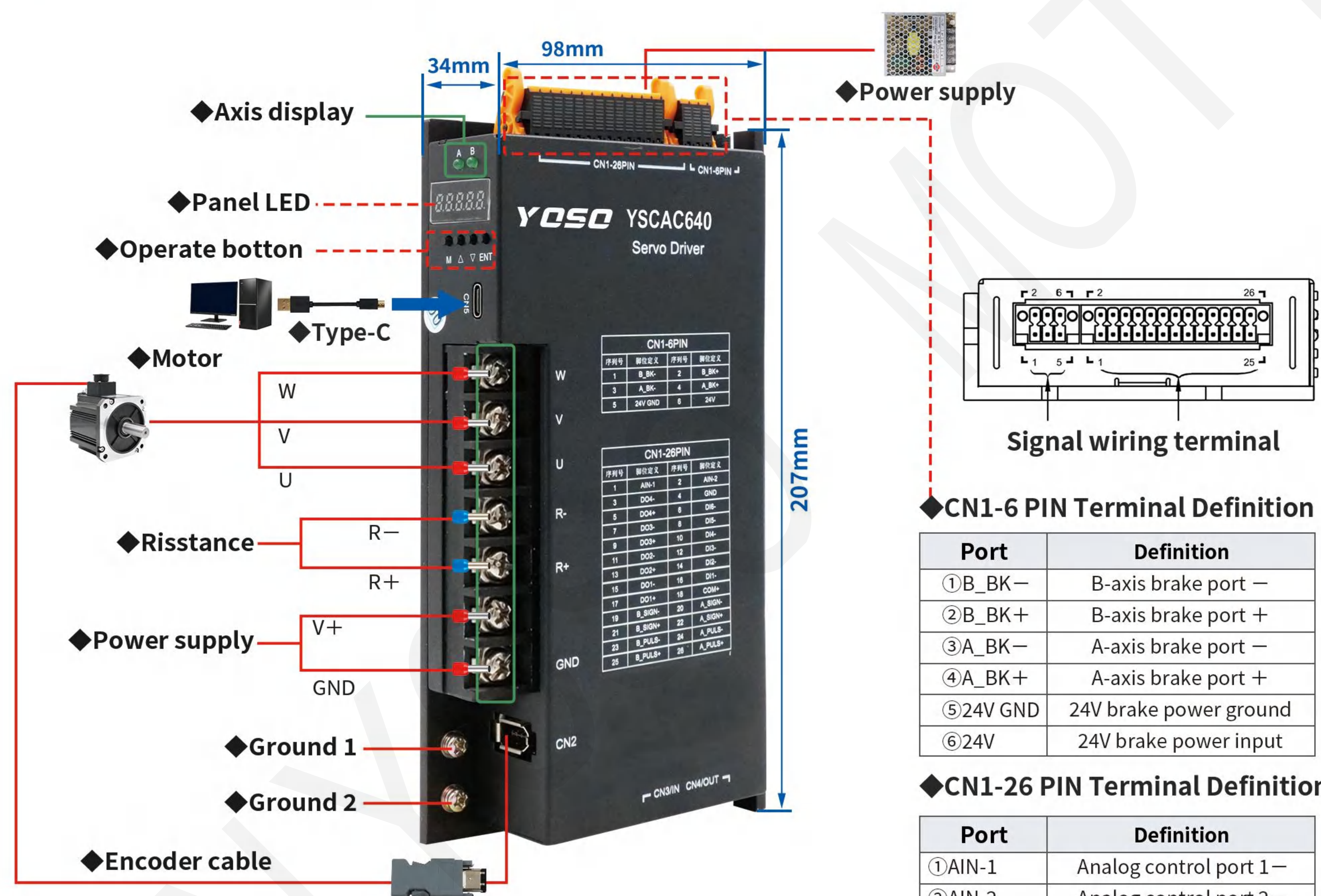


Datasheet

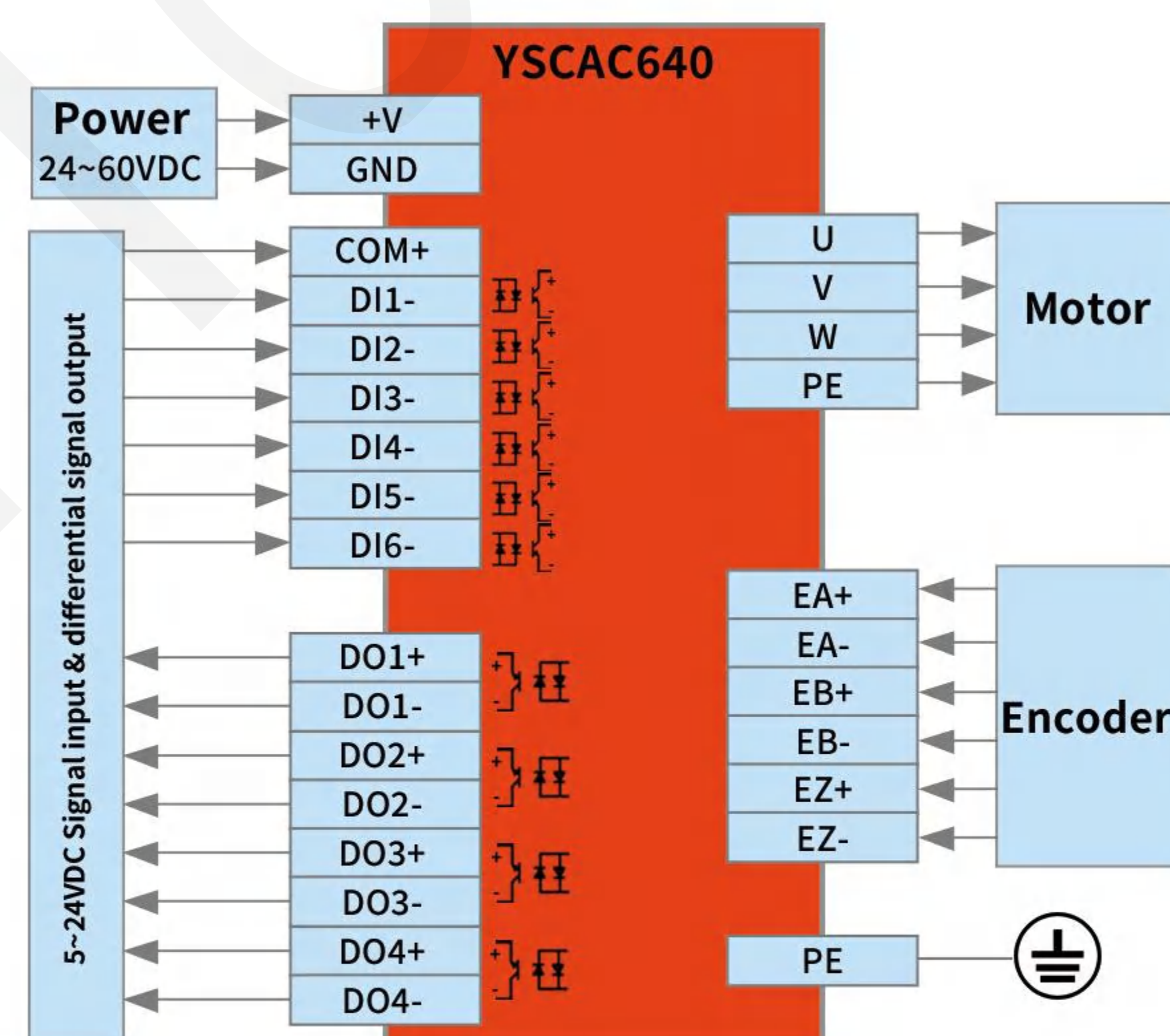
Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
24~80V(DC)	3000W	100/200A	Type-C/RS485	Pulse	5~24VDC	2kg	130mm

YOSO MOTION Servo Driver

YSCAC640



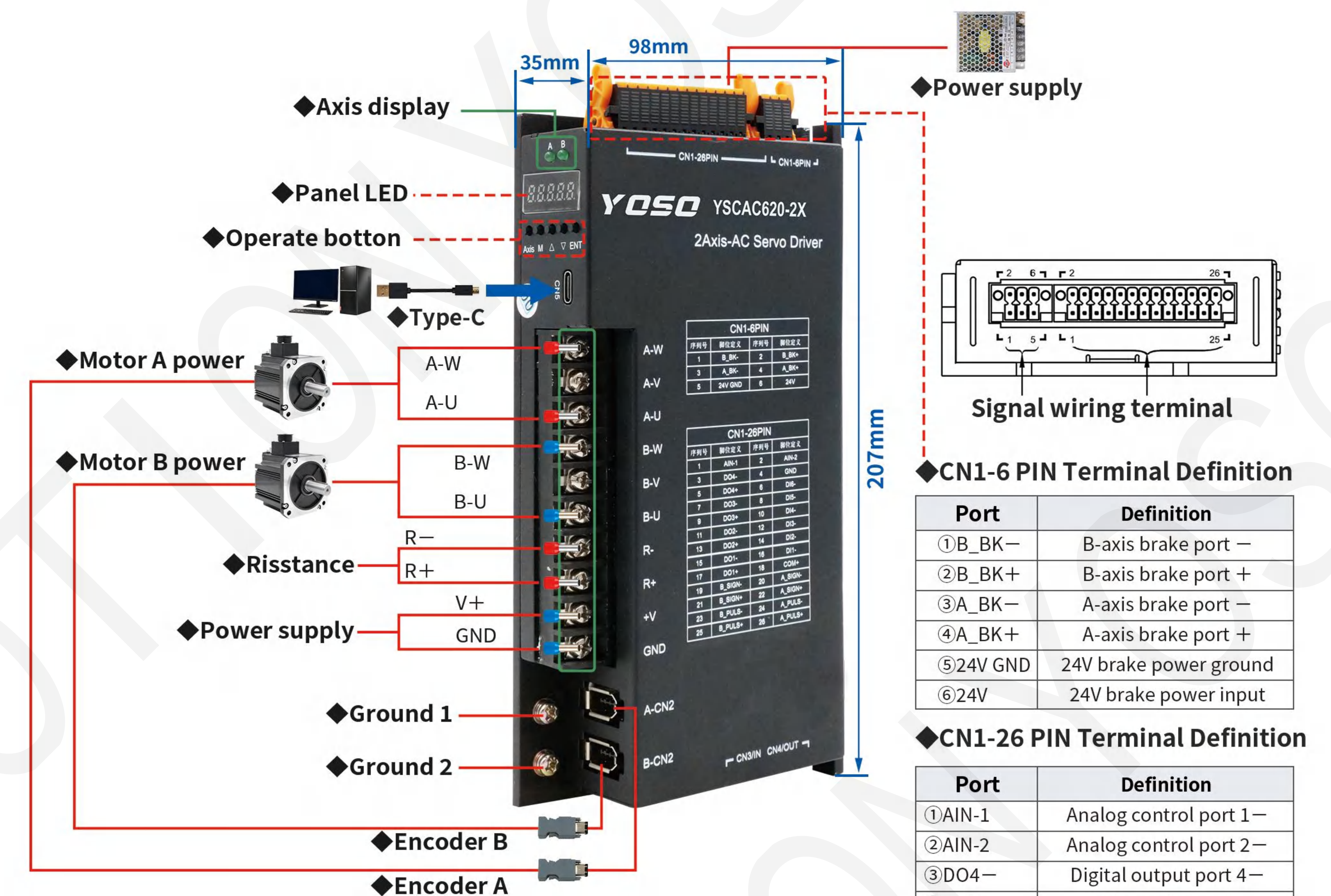
Schematic diagram



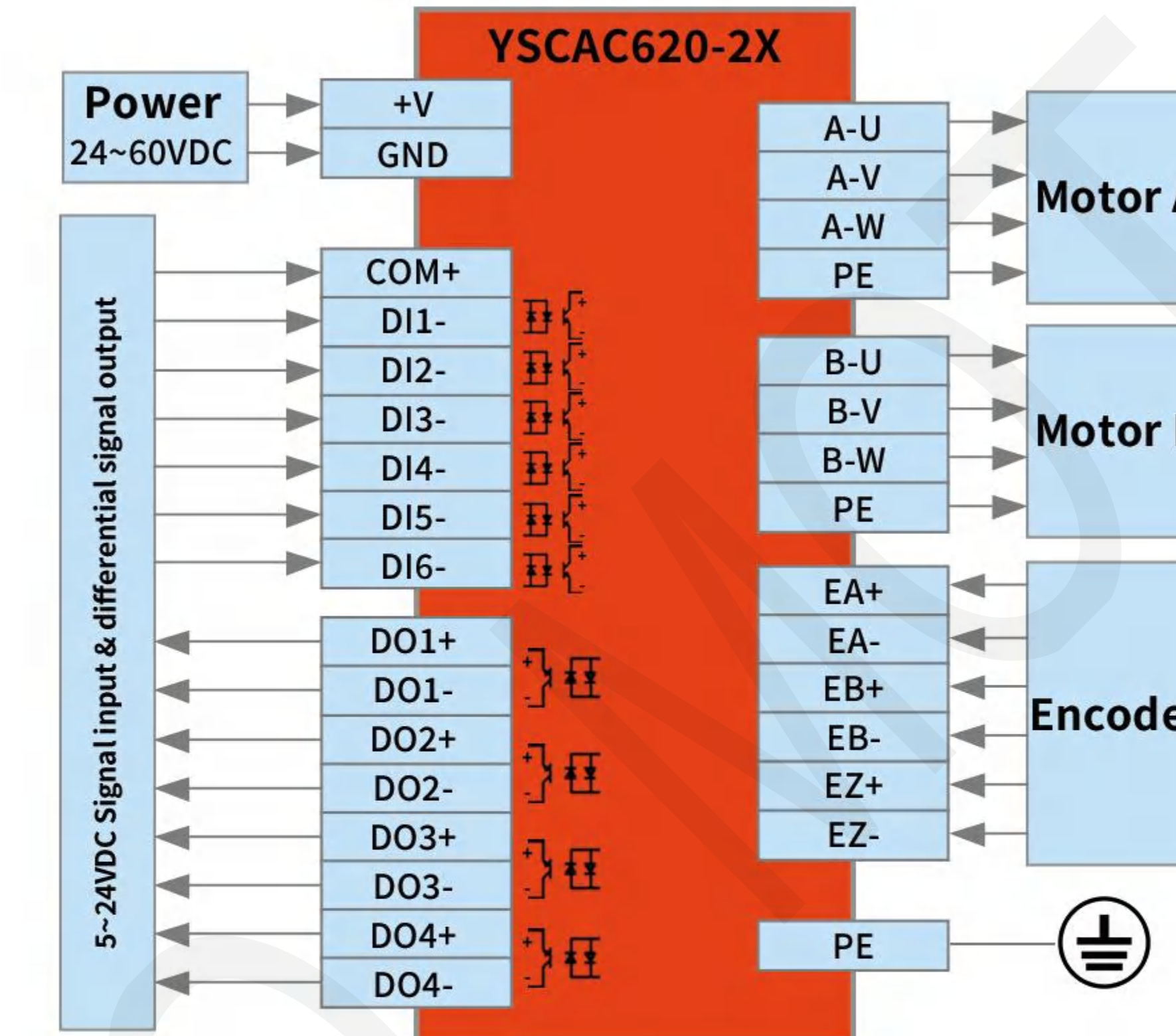
Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
24~60V(DC)	750/1000W	40/80A	Type-C/RS485	Pulse	5~24VDC	1.2kg	130mm

YSCAC620-2X



Schematic diagram

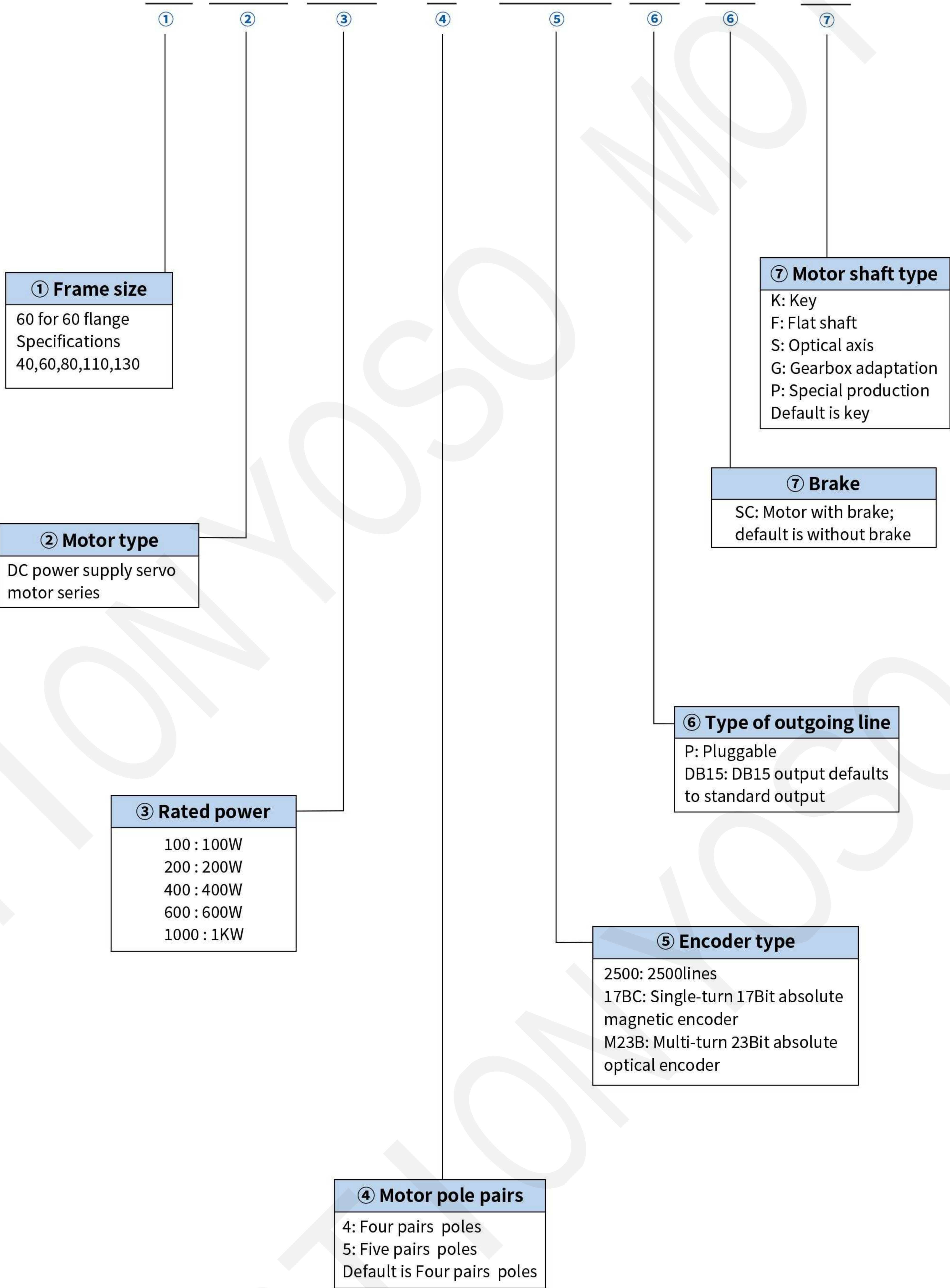


Datasheet

Supply(V)	Rated power(W)	Rated/Max(A)	Debug connection	Control Mode	Signal	Weight	Match motor
24~60V(DC)	350W	20/40A	Type-C/RS485	Pulse	5~24VDC	1.2kg	40mm/60mm/80mm

DC Servo Motor naming rule

60 ASM 200 - 5 - 17BC - P - SC - F



17Bit / 23Bit encoder DC supply motor selection

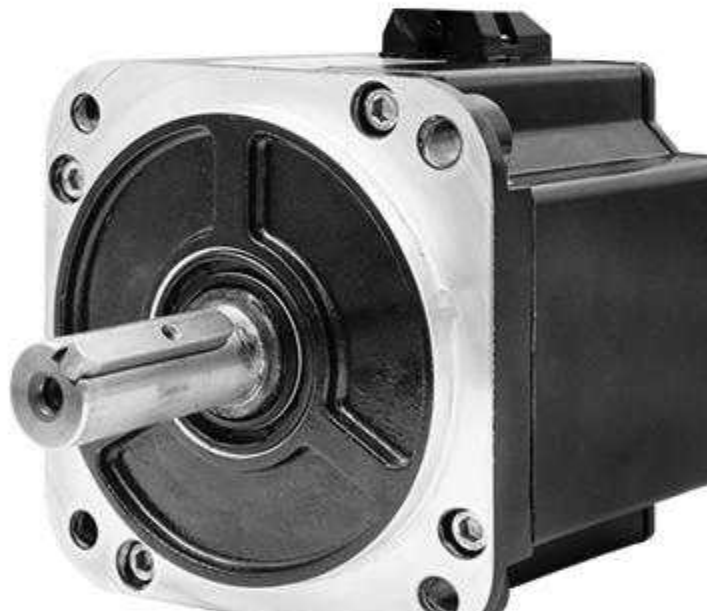
Standard Model/ Brake Model :+SC	Frame size	Rated power (W)	Rated/Peak torque (Nm)	Rated/Max current (A)	Rated/Max speed (r/min)	Rotor inertia (10 ⁻⁴ · m ²)	Shaft dia (mm)	Weight (kg)	Matching driver
40ASM100-5-17/23BC	40mm	100	0.32/0.96	6.6/0.076	3000/5000	0.069	Φ8	0.55	YSCAC610
40ASM100-5-17/23BC-SC								0.85	
60ASM200-17/23BC	60mm	200	0.64/1.3	10/20	3000/3200	0.183	Φ14	1.3	YSCAC610
60ASM200-17/23BC-SC								1.53	
60ASM400-17/23BC	60mm	400	1.27/3.8	16/48	3000/3200	0.347	Φ14	1.58	YSCAC825
60ASM400-17/23BC-SC								2	
80ASM750-17/23BC	80mm	750	2.39/4.7	20/31.7	3000/5000	0.924	Φ19	2.2	YSCAC845
80ASM750-17/23BC-SC								3.35	
80ASM1000-17/23BC	80mm	1000	3.2/6.4	25/50	3000/3200	2.300	Φ19	3.1	YSCAC845
80ASM1000-17/23BC-SC								4.2	
130ASM1500-17/23BC	130mm	1500	4.78/14.3	37/118.5	3000/4000	11.2	Φ22	5.8	YSCAC8A0
130ASM1500-17/23BC-SC								6.9	
130ASM2000-17/23BC	130mm	2000	6.4/19.2	58/174	3000/3500	16.2	Φ22	7.5	YSCAC8A0
130ASM2000-17/23BC-SC								8.6	
130ASM3000-17/23BC	130mm	3000	9.5/28.5	82/246	3000/3500	22.3	Φ22	9.3	YSCAC8A0
130ASM3000-17/23BC-SC								11	



60mm Series



80mm Series



130mm Series

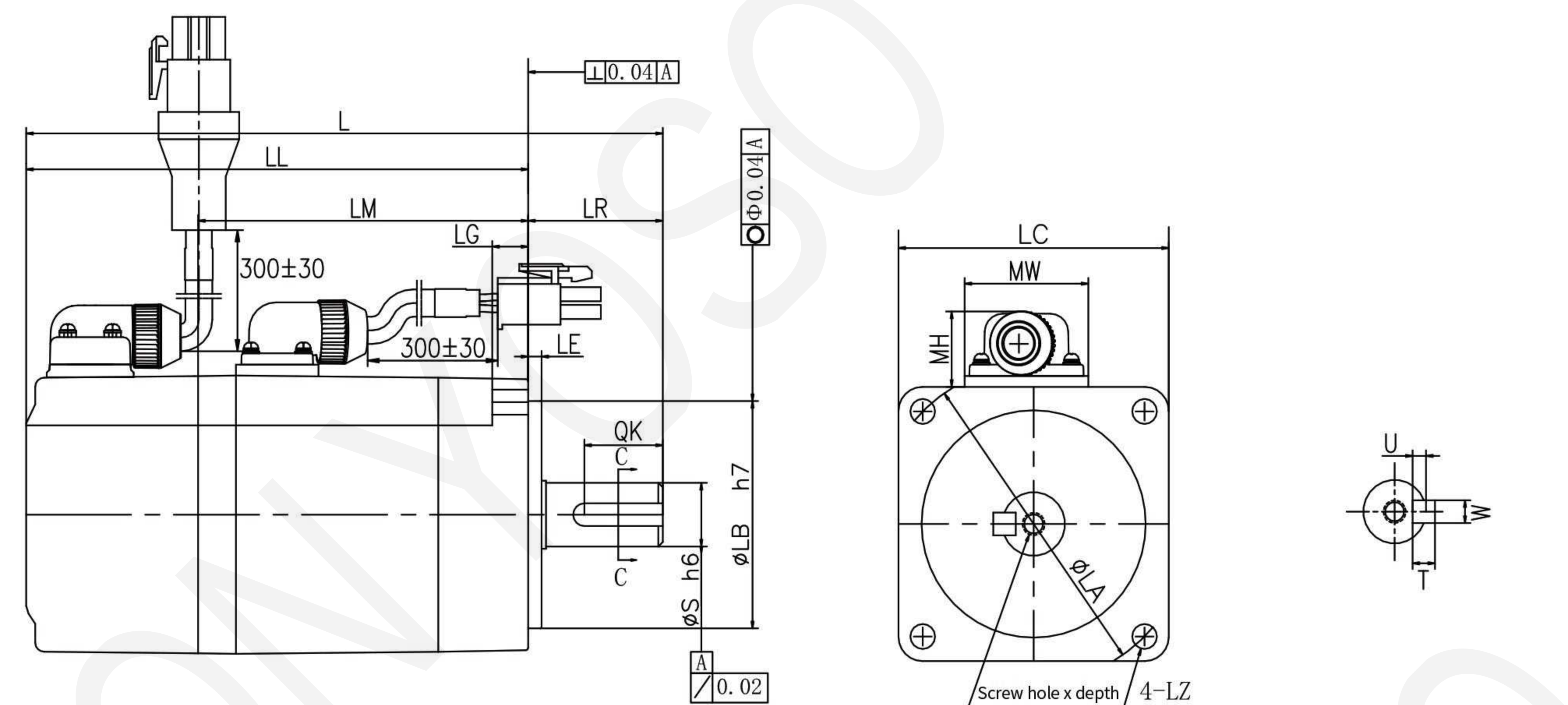
YOSO MOTION Servo Motor

ASM series servo motor parameters table

* 60/80ASM***C series motor parameters

Model	Power supply voltage (V)	Rated power (W)	Rated torque (Nm)	Peak torque (Nm)	Rated current (A)	Max current (A)	Rotor inertia (10 ⁻⁴ kg·cm ²)	Rated speed (r/min)	Max speed (r/min)	Matching driver
60ASM200-**-	36	200	0.64	1.3	10	20.0	0.183	3000	3200	YSCAC610-**-
60ASM400-**-	36	400	1.27	3.8	16	48.0	0.347	3000	3200	YSCAC825-**-
80ASM750-**-	48	750	2.39	4.7	20	31.7	0.924	3000	5000	YSCAC845-**-
80ASM1000-**-	48	1000	3.20	6.4	25	50.0	2.300	3000	3200	YSCAC845-**-

Note: the above includes 1024C/2500C



Installation size (Unit: mm)

Model	L	LL	LR	LE	LC	LA	LB	LZ
60ASM200-**-	142.0	112.0	30	3	60	70	50	5.5
60ASM400-**-	173.0	143.0	30	3	60	70	50	5.5
80ASM750-**-	179.5	144.5	36	3	80	90	70	6.5
80ASM1000-**-	195.0	160.0	35	3	80	90	70	7.0

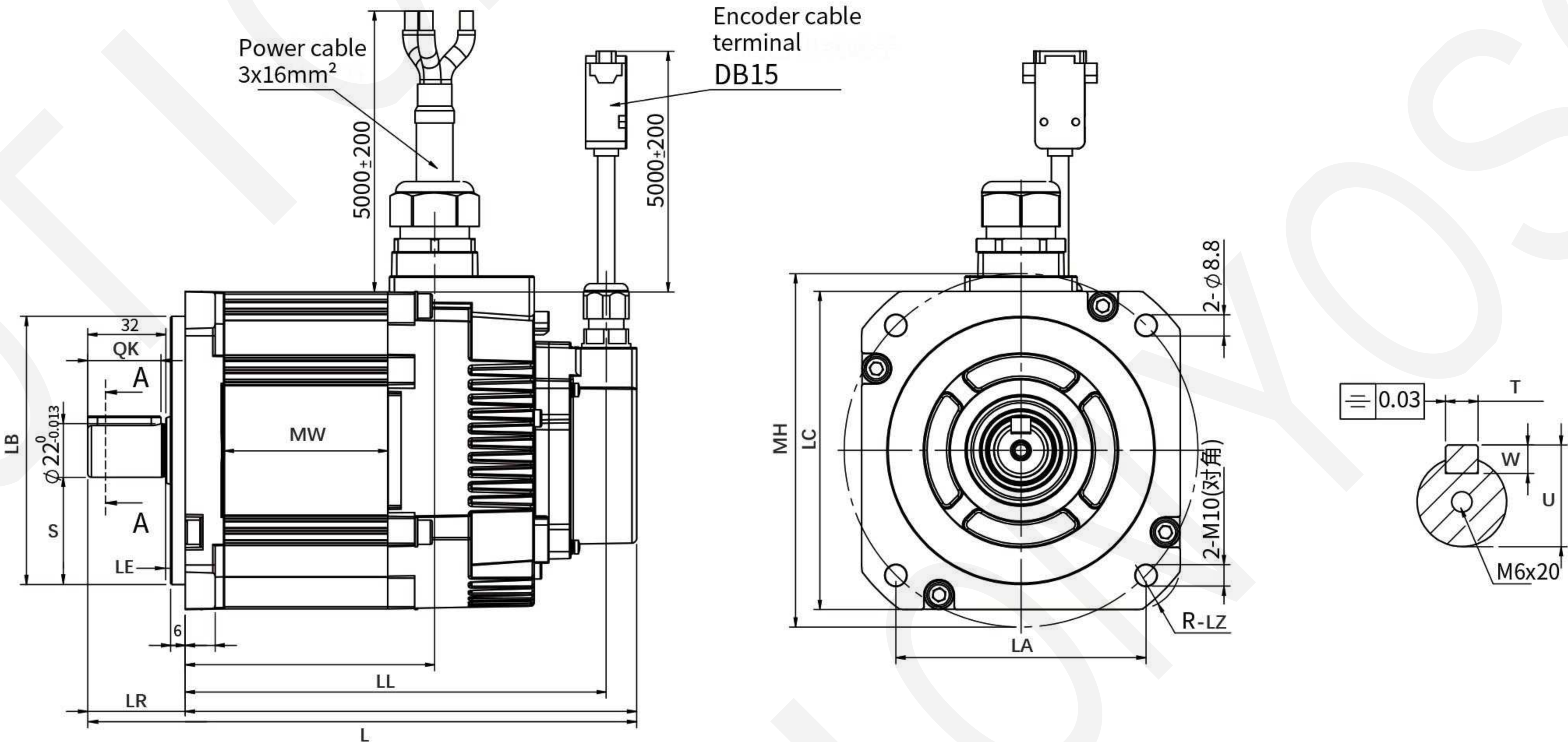
Model	S	Screw hole x depth	QK	U	W	T	MW	MH
60ASM200-**-	Φ14	M5×L10	17.5	3.0	5	5	27.6	16.5
60ASM400-**-	Φ14	M5×L10	17.5	3.0	5	5	27.6	16.5
80ASM750-**-	Φ19	M5×L10	22.0	3.5	6	6	27.6	16.5
80ASM1000-**-	Φ19	M5×L10	25.0	3.0	6	6	27.6	16.5

Note: the above includes 1024C/2500C

* 130ASM***C series motor parameters

Model	Power supply voltage (V)	Rated power (W)	Rated torque (Nm)	Peak torque (Nm)	Rated current (A)	Max current (A)	Rotor inertia (10 ⁻⁴ kg·cm ²)	Rated speed (r/min)	Max speed (r/min)	Matching driver
130ASM1500-**-C	48	1500	4.78	14.3	37.0	118.5	11.2	3000	4000	YSCAC8A0-**-
130ASM2000-**-C	48	2000	6.40	19.2	58.0	174.0	16.2	3000	3500	YSCAC8A0-**-
130ASM3000-**-C	48	3000	9.50	28.5	82.0	246.0	22.3	3000	3500	YSCAC8A0-**-

Note: the above includes 1024C/2500C



Installation size (Unit: mm)

Model	L	LL	LR	LE	LC	LA	LB	LZ
130ASM1500-**-C	162.5	115.0	35.0	2	130	102.5	110	18.3
130ASM2000-**-C	208.0	155.5	40.0	2	130	102.5	110	18.3
130ASM3000-**-C	225.0	172.5	40.0	2	130	102.5	110	18.3

Model	S	Screw hole x depth	QK	U	W	T	MW	MH
130ASM1500-**-C	54	M6×L20	28	25	7	8	38.5	145
130ASM2000-**-C	54	M6×L20	32	25	7	8	50.0	145
130ASM3000-**-C	54	M6×L20	32	25	7	8	67.0	145

Note: the above includes 1024C/2500C