

ROKAE

ROKAE Robotics

Control Systems



More intelligent, more efficient

Control systems



Controller

	XBC5M	XBC5
Dimensions (W×D×H)	448 mm x 446 mm x 268 mm	522 mm x 408 mm x 425 mm
Weight	28 kg	35 kg
Standard I/O	Input: 16; Output: 16	Input: 16; Output: 16
IP rating	IP40	IP54
Power supply	230VAC, voltage fluctuation within -15% to +10%, frequency variation within ±2%	230VAC or 3 x 380VAC(3L+N+PE)*1, voltage fluctuation within -15% to +10%, frequency variation within ±2%
Typical scenario Average power consumption	0.22kW (NB4 series) 0.52kW (XB7 series) 0.27kW (XB10 R1206)	0.22kW (NB4 series) 、0.52kW (XB7 series) 0.27kW (XB10 R1206) 、0.63kW (NB12 series) 1.5kW (NB25 series)
Operating temperature	0°C to +45°C	0°C to +45°C
Storage temperature	-10°C~+55°C	-10°C~+55°C
Maximum humidity for operation/storage	≤ 80% (non-condensing)	≤ 95% (non-condensing)

*1: 3x380VAC power supply for NB12 Series, NB25 Series,and 230VAC power supply for the rest.



Controller

	XBC5E	XBC6	XBC6M
Dimensions (W×D×H)	690 mm× 514 mm× 835 mm	522 mm x 408 mm x 425 mm	420 mm × 317 mm × 120 mm
Weight	102 kg	30 kg	10 kg
Standard I/O	Input: 16; Output: 16	Input: 16; Output: 16	Input: 16; Output: 16
IP rating	IP54	IP54	IP40
Power supply	3x380VAC(3L+PE); voltage fluctuation within -10%-10%, frequency variation within ±2%	230VAC or 3 x 380VAC(3L+N+PE)*1, voltage fluctuation within -15% to +10%, frequency variation within ±2%	230VAC, voltage fluctuation within -15% to +10%, frequency variation within ±2%
Typical scenario Average power consumption	2.1kW (NB80 series) 2.6kW (NB220 series)	0.22kW (NB4 series) 0.52kW (XB7 series) 0.27kW (XB10 R1206) 0.63kW (NB12 series) 1.5kW (NB25 series)	0.22kW (NB4 series) 0.52kW (XB7 series) 0.27kW (XB10 R1206)
Operating temperature	0°C ~ +45°C	0°C to +50°C	0°C ~ +50°C
Storage temperature	-10°C~ +55°C	-10°C~+55°C	-10°C~ +55°C
Maximum humidity for operation/storage	≤95% (non-condensing)	≤ 95% (non-condensing)	≤80% (non-condensing)

xPad2

- Modern ergonomic design
- Large multi-touch HD Screen,easier human-machine interaction
- Plug & play connection and shareable between robots
- Intuitive UI layout allowing quick start within 10 minutes



FlexPendant

xPad2

Dimensions	290 mm × 190 mm × 80 mm
Weight	840 g
Connection	Wired
Display	10.1-in LCD with a resolution of 1,920×1,200
IP rating	IP54

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