

ROKAE

ROKAE Robotics

Control Systems



More intelligent, more efficient

XBC5M

- Compact design and small footprint
- Flexible deployment through vertical/horizontal installation

XBC5

- More convenient deployment with a size only 50% that of the previous generation
- Suitable for wet, acidic, and alkaline gas environment thanks to internal and external dual cycle cooling system and IP54 protection



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) 、 0.29kW (XB12 series)	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.

XBC5E

- Compact design and easy installation
- IP54 protection level against metal dust
- Rich interface, support multiple communication methods



Controller	XBC5E
Dimensions (W×D×H)	690 mm× 514 mm× 835 mm
Weight	102 kg
Standard I/O	Input: 16; Output: 16
IP rating	IP54
Power supply	3x380VAC(3L+PE); voltage fluctuation within -10%-10%, frequency variation within ±2%
Typical scenario Average power consumption	2.1kW (NB80 series) 2.6kW (NB220 series)
Operating temperature	0°C ~ +45°C
Storage temperature	-10°C ~ +55°C
Maximum humidity for operation/storage	≤95% (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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400-010-8700
www.rokae.com
sales@rokae.com