

nFA-G11-CD40C-CRA9



THE INTRODUCTION AND FEATURES OF ELECTRICAL CABINET

As a CRP robot 4-axis series control cabinet, G11 series electric cabinet adopts a new generation of integrated control system. To achieve high-speed and stable motion control, the friendliness, controllability and functional expansibility of the software have been greatly improved. It has the advantages of light structure, easy installation, easy maintenance, small footprint, rich functions and high reliability. It can be used in 3C, lithium, photovoltaic, general handling and other industries.

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CABINET TECHNICAL INDEX

Teaching pendant	8-inch TFT-LCD, keyboard + touch screen, mode selection switch, safety switch, emergency stop button
Axis number	6
Interface	Digital I/O interface, 24 input/output (expandable COM)
	2-way 0-10V analog output, 12-bit accuracy (expandable COM)
	Encoder signal interface (position tracking)
	Ethernet communication interface, USB interface
Operation mode	Teach, Reproduction, Remote
	Point-to-point, straight line, circle
Coordinate system	Motion, Logic, Process, Operation
IP level	IP20
Input Power (including length)	AC220V ± 10% 50/60Hz, PE ground cable, 3 meters
Dimension	370*561*168
Weight	30kg
Installation environment	Indoor (avoid direct sunlight), no corrosive gas, ambient temperature: 0-55°; Storage temperature (-20-65°), 0-95% (no condensation);
Safety	External emergency stop, anti-collision, safety bolt interface, etc.
Ground Resistance	<0.1Ω
Insulation Resistance	>1MΩ
Vibration Resistance	10<f<58.1HZ Amplitude:0.15mm 58.1<f<150HZ Acceleration 1g
Impact-Resistance Strength	Max strength:15g Duration:11ms
EMC Testing Standard	IEC 61000-6-2 AC power port 4KW Signal port 2KW
Abnormal detection function	Abnormal stop, abnormal servo, abnormal user coordinates, abnormal tool coordinates, safety maintenance, etc.
Others	Built-in PLC, power off regeneration, encoder interface (support synchronous belt), arc tracking and accessories (optional), visual software (optional), laser tracking software (optional), etc.
Reserved Interfaces	Arc Welding Interface, Vision Interface, Remote interface, Station Interface
Software Package	Welding/Handling/Vision/Tracking/Palletizing/Bending/Stamping/Communication/Spraying

CABINET TECHNICAL INDEX

Teaching pendant	8-inch TFT-LCD, keyboard + touch screen, mode selection switch, safety switch, emergency stop button
Axis number	4
Interface	Digital I/O interface, 24 input/output (expandable COM)
	2-way 0-10V analog output, 12-bit accuracy (expandable COM)
	Encoder signal interface (position tracking)
	Ethernet communication interface, USB interface
Operation mode	Teach, Reproduction, Remote
	Point-to-point, straight line, circle
Coordinate system	Motion, Logic, Process, Operation
IP level	IP20
Input Power (including length)	Three-phase AC220V ± 10% 50/60Hz, PE ground cable, 3 meters
Dimension	370*480*168
Weight	20kg
Installation environment	Indoor (avoid direct sunlight), no corrosive gas, ambient temperature: 0-55°; Storage temperature (-20-65°), 0-95% (no condensation);
Safety	External emergency stop, anti-collision, safety bolt interface, etc.
Ground Resistance	<0.1Ω
Insulation Resistance	>100MΩ
Vibration Resistance	10<f<58.1HZ Amplitude:0.15mm
Impact-Resistance Strength	Max strength:15g Duration:11ms
EMC Testing Standard	IEC 61000-6-2
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