AUTOMATION & MOTION CONTROL DIVISION · SURETON GROUP

# ICM-D1P Series Servo Drive

Model series: ICM-D1P

## Built-in brake control and full closed-loop.

The ICM-D1P upgrades the D1 with integrated holding-brake control — no external relay, so wiring and failure points both shrink. Full closed-loop operation is supported, which makes it a natural fit for vertical axes and high-precision positioning.



### KEY FEATURES

- Built-in holding-brake control, no external relay required
- Full closed-loop operation supported
- Safer and more efficient wiring
- Same 0.4–7.5 kW output range as the D1 platform

### TECHNICAL DATA

| | |
|---|---|
| Continuous output power | **0.4 kW – 7.5 kW** |
| Brake control | **Built-in, no external relay** |
| Feedback | **Full closed-loop support** |
| Platform | **ICM-D1 servo drive family** |

### TYPICAL APPLICATIONS

Vertical axes and lifting mechanisms

High-precision positioning

Robotics

**Sizing support included.** Send us your cycle diagram, load table or CAD files and we will return an axis-by-axis selection proposal, bill of materials and commissioning plan — every enquiry is answered by an engineer within one business day.

### COMPLIANCE AND DOCUMENTATION SUPPLIED

CE — EMC directive

CE — Low Voltage directive

UL listed assemblies

RoHS declaration

Declaration of conformity

2D / 3D drawings

EPLAN macro

User manual

Firmware & parameter set

The full compliance pack and language-specific manuals are issued with the shipment and can be supplied before your design freeze on request. Documentation is provided for the exporting entity, **Sureton Automation**.

**Sureton Automation**

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Sureton Automation, a division of Sureton Group. Technology and manufacturing partner: ICON Industrial (Beijing R&D, Jiaxing manufacturing, China). Sister division: Sureton Precision Manufacturing (https://sureton.cn). Technical data is indicative and continuously refined — please confirm the current revision before design freeze.