A6-C — Intelligent PID Process Controller

Dual-display PID controller with a 48 × 48 mm panel cut-out.



A6-C PID controller · 48 × 48 mm cut-out

Input range	**Universal input**
Voltage	**85–265 V AC**
Enclosure	**IP65 front panel · Panel mount**
Certification	**CE**

At a glance

- Universal TC/RTD sensor input (K, J, E, Pt100, Cu50)
- Dual 4-digit LED display (PV process value + SV setpoint)
- Self-tuning PID algorithm prevents temperature overshoot
- 48 × 48 mm cut-out with IP65 front bezel

Electrical envelope

Parameter	Listed value
Input signal	TC (K, J, E, T, S) · RTD (Pt100, Cu50) · 0–10 V · 4–20 mA
Display	Dual 4-digit 7-segment LED (green PV, red SV)
Sampling period	100 ms
Control outputs	Relay contact · SSR voltage pulse · 4–20 mA current
Power supply	85–265 V AC, 50/60 Hz
Mounting	Standard 48 × 48 mm panel cutout (1/16 DIN)
Protection	IP65 front bezel with silicone gasket
MOQ	1 piece

Frames and packages

Model	Rating	Dimensions	Packing
A6-C-R	Relay output	48 × 48 × 85 mm	Single box
A6-C-S	SSR voltage pulse	48 × 48 × 85 mm	Single box
A6-C-I	4–20 mA linear	48 × 48 × 85 mm	Single box

How to read this sheet. Ratings, currents and dimensions are reproduced from the manufacturer's own selection sheet and are indicative. The binding specification is the one stated on the quotation and on the test sheet shipped with the unit. Model codes and frame variants beyond the table are quoted to order; where a duty point sits between two frames, send the load profile and the frame is confirmed in writing before the order.

Quotation and samples
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