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# CP-300 - Temperature Control Unit

**Spare Part Number:** CP-300

**Net Weight:** 140.00g

**Net Dimensions:** 80.00mm x 24.00mm x  
100.00mm

**Technical Datasheet:** [Protected Link](#)

## Description

# CP-300 NX-series Temperature Control Unit

4 loops, Thermocouple/Pt100 input, PNP 4 Digital Outputs 24 VDC, 21 mA/point, Heat or Cool control, Push-in Plus terminals

## Specifications

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I/O system	NX I/O Bus
Type of module	Temperature control
Number of digital inputs	0
Digital input type	None
Number of digital outputs	4
Digital output type	PNP, PWM
Number of analog inputs	4
Temperature input type	B, C (WRe5-26), E, J, JPt100, K, L, N, P (PLII), Pt100, R, S, T, U
Linear analog input type	None
Input circuit type	Isolated
Number of analog outputs	0
Linear analog output type	None
Conversion time	50 ms/unit
Signal processing	Free running
Control function	Heat or cool

Heater burnout detection	NO
IO link master	NO
I/O connection type	Push-in
Number of I/O connectors	2
Detachable I/O connector	Yes
SIL according to IEC 61508	None
Degree of protection (IP)	IP20
Height	100 mm
Width	24 mm
Depth	80 mm
Weight	140 g

### Catalogues/Families

Spare Part Type	
Electrical Component	
Spare Part Group	
Others	
Stock Type	
Standard Stock	