

DP6 Controller with Fuzzy-PID Pulse Group Control

NEW!

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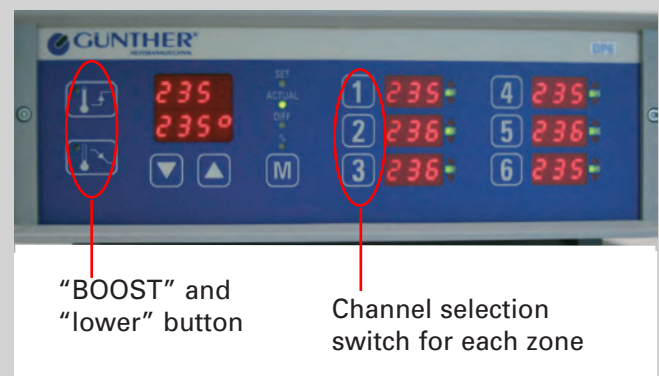
GÜNTHER control engineering is distinguished by a programming which is ideally tailored to meet the needs of the user. No matter how different the requirement may be, you will find that we have reliable controllers which not only provide a high level of flexibility and process reliability but also prove to be particularly economically efficient. You will also soon come to appreciate their easy and user-friendly operation. Our range extends from the 1-channel all-purpose controller to the 150-zone control cabinet with touch-screen operation.

6-channel hot-runner controller with Fuzzy PID pulse group control

The compact controller for a cost-effective and convenient control of small hot-runner systems.

The DP hot-runner controller series has extensive functions for the reliable control of complex hot-runner systems

- control of 6 regulating circuits,
- 2-phase voltage supply through 16 A CEE connector (max. P = 7000 W)

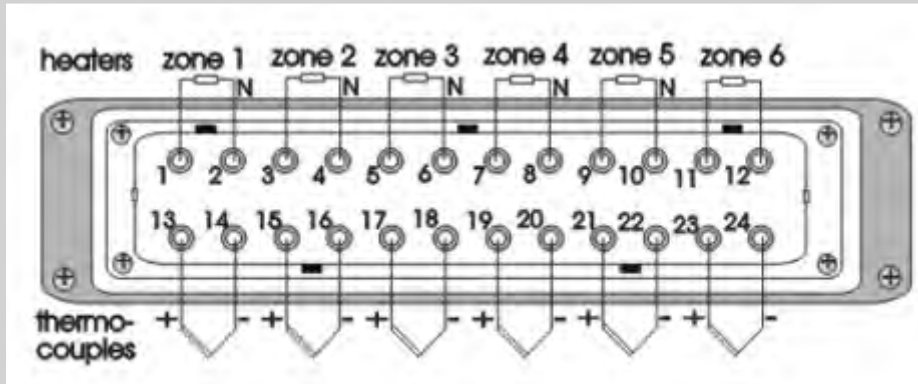


"BOOST" and "lower" button

Channel selection switch for each zone

- connector assignment such as DP3/DP5 series
- "BOOST" and "LOWER" button on the front
- actual temperature display and level display for each zone
- quick-select keys make channel selection easy
- group selection, selection of several zones by means of quick-select buttons (such as DPT20)
- menu navigation such as in the DP3/DP5 series quick-select key for switching between set, actual and differential temperatures and initial manipulated variable
- soft-start and ramp function

Connecting plug HAN24ES



Connections on the rear side of the DP6 controller



Technical Data

Nominal Voltage:	2-phase, 2 x 230 VAC (+5 / -10%) (L1, L2 , N, PE)
Mains plug :	CEE-16 A plug, 5-pole (2 phase clamped), length 3 m
Nominal capacity :	7000 W, 2 x 16 A
Standby capacity :	10 VA
Load connection:	6 x heater circuit 230V / 16A, (zones 1-6) Harting series HAN24 (contacts 1-12)
Temperature sensor:	6 x thermocouple Typ L (FeCu-Ni), Harting series HAN24 (contacts 13-24)
Fuses:	16 A FF Schurter Typ SA super fast acting for triacs (zone 1 – 6)
Regulation:	Fuzzy-PID regulator with puls group control, 0 bis 500°C (0...932° F)
Storage temperature:	-25 bis 80°C
Operating temperature:	0 bis 45°C
Protection type :	IP 20
Dimensions:	(W, H, D) 259 mm x 95 mm x 290 mm
Colour:	Grey und Blue (RAL 9018 und RAL 5015)
Weight:	3,8 kg