



- Compact design
- Freely programmable
- Completely independent regulation
- Display of the actual value
- Self-optimising
- Wear-free

This device is made for temperature controlling of heatings, heated sample gas lines or heated systems. Up to 4 heating circuits can be controlled.

The XT-T1 can be equipped with up to 4 controllers, each with a separate solid-state relay. Thus enables a wear-free switching of the load current. Therefore any numbers of cycle duties without wear and tear of contacts are possible. Any control parameters will be set directly at the module. All controller parameters are set directly on the module. The controller can be programmed both as a two- or three-point controller.

All common measuring transducers (e. g. PT100, Fe-CuNi, Ni-CrNi [standard]) can be connected.

The actual value will be displayed on the monitor which is easy to read from bigger distances. Besides the connection plugs for the heating circuits the module is equipped with an additional alert output.



Digital form at:
www.cgs-company.de/downloads/MDZ_E_D_XT-T1.pdf

MDZ_E_D_XT-T1_1.2 1/2

Technical data

- Power supply: 230 VAC
- Frequency: 50 Hz
- Capability of alert-contacts: 3 A at 240 VAC (res. load)
- Fuse max.: 16 A
- Power consumption: 3680 W
- Heating capacity: 1 controller 1 x 1800 W
2 controller 2 x 1800 W
3 controller 3 x 1200 W
4 controller 4 x 900 W
- Ambient temperature: 0°C ... +40°C
- Type of protection: IP 20
- Temperature sensor: Ni-CrNi Type K (setting CGS)
PT100
Fe-CuNi
- Temperature range: 0 - 200°C (setting CGS)
- Measurements (W/H/D): 330 x 230 x 180 mm
- Weight: 8 kg

Pin assignment

F1 = Fuse (feed)

F2 = Fuse (heating circuit 1)

F3 = Fuse (heating circuit 2)

F4 = Fuse (heating circuit 3)

F5 = Fuse (heating circuit 4)

XS-N1 = Power supply

XS-S1 = Alert output

XS-L1 = Connection plug to heating circuit 1

XS-L2 = Connection plug to heating circuit 2

XS-L3 = Connection plug to heating circuit 3

XS-L4 = Connection plug to heating circuit 4



Order key

X T - T 1 - 0			
External heating circuits			
1 external heating circuit		0	1
2 external heating circuits		0	2
3 external heating circuits		0	3
4 external heating circuits		0	4
Temperature controller			
Ni-CrNi			A
Fe-CuNi			B
PT100			C

Zubehör

Pos	*PU	Article	Order number
1	2 pcs.	Wall mounting bracket; steel zinc-coated	1031257

*PU = Packing unit