

FIXED POINT CONTROLLER FOR DISTRICT HEATING

DTT 318

C ←BUS

APPLICATION

Designed for fixed point control of secondary temperature in district heating sub-stations comprising one heat exchanger with mixing valve on primary.

Communication with telemanagement systems via C-Bus parallel connection.

Essential detectors: 1 detector secondary flow.

Optional accessories: 1 detector primary return.

FEATURES

- Power supply: 230 V~; Consumption: 3 VA; Enclosure: DIN 53 x 115; Protection: IP 40.
- Digital programming by means of four operating keys and 3-figure display.
- Control secondary flow temperature at fixed point.
 - Modulating control (3-wire) or On-Off in two stages or On-Off proportional in one stage.
 - Valve opening limitation for maximum limit return temperature primary return circuit.
- Season switching by external switch.



Code		Description	Data sheet
DTT 318		Fixed point controller for district heating sub-stations.	B 282

DETECTORS & ACCESSORIES

Code		Description	Range	Sensing element	Data sheet
SIH 010		Immersion temperature detector (secondary flow, primary return).	0...99 °C	NTC 10 kΩ	N 140
CDB 100		Set-point adjuster.	–	–	–