



**ELOTECH**  
INDUSTRIELELEKTRONIK GMBH

## The Microprocessor Based Multizone Controller System

Type Code: R 2100

Format 192 x 96 mm (1/2-DIN)

R 2100 - aaa - x - y - 000 - d - z

|              |                                     |   |   |
|--------------|-------------------------------------|---|---|
|              |                                     |   | <ul style="list-style-type: none"> <li>1: Power supply : 230 V AC</li> <li>2: Power supply : 115 V AC</li> <li>3: Power supply : 24 V AC</li> <li>5: Power supply : 24 V DC</li> </ul>  |
|              |                                     | <ul style="list-style-type: none"> <li>0: without ser. interface</li> <li>2: RS232-C interface.</li> <li>4: RS485 interface.</li> </ul>   | <ul style="list-style-type: none"> <li>Data-protocol: ELOTECH -standard</li> <li>Data-protocol: ELOTECH -standard</li> <li>Profibus-DP via gateway M-PBS-5</li> <li>InterBus-S via gateway M-IBS-5</li> <li>DeviceNet via gateway M-DN-5</li> <li>Data-protocol: ELOTECH -standard</li> </ul> |
|              |                                     | <ul style="list-style-type: none"> <li>5: 0/20mA interface.</li> <li>7: CANopen interface; CiA Device Profile DS-404</li> </ul>   |   |
|              |                                     | <ul style="list-style-type: none"> <li>0: Standard</li> <li>1: with analogue input d 1 (0...10Vdc);</li> <li>2: with analogue input d 1 and d 2 (each 0...10Vdc) ;</li> <li>5: with heater current monitoring.</li> </ul> | <ul style="list-style-type: none"> <li>Not available for 16-zones controller</li> <li>Not available for 16-zones controller</li> <li>Controller outputs: only bistable voltage</li> </ul>   |
|              |                                     | <ul style="list-style-type: none"> <li>0: Sensor programmable: Pt100, 2+3-wire. Type L, Type J, Type K.</li> <li>1: Only for type A26-1: Sensor: Pt100, only 2-wire-connection possible</li> </ul>                        |   |
| <b>421</b>   | 4 - Zones 2-point controller;       |   | Control outputs: relay  |
| <b>426</b>   | 4 - Zones 2-point controller;       |   | Control outputs: bistable voltage. Com.: -  |
| <b>431</b>   | 4 - Zones 2- or 3-point controller; |   | Control outputs: „heating“: relay; „cooling“: relay   |
| <b>436</b>   | 4 - Zones 2- or 3-point controller; |   | Control outputs: „heating“: bist. voltage; „cooling“: bist. voltage. Com.: -  |
| <b>437</b>   | 4 - Zones 2- or 3-point controller; |   | Control outputs: „heating“: bist. voltage. Com.: -; „cooling“: relay  |
| <b>621</b>   | 6 - Zones 2-point controller;       |   | Control outputs: relay  |
| <b>626</b>   | 6 - Zones 2-point controller;       |   | Control outputs: bistable voltage. Com.: -  |
| <b>631</b>   | 6 - Zones 2- or 3-point controller; |   | Control outputs: „heating“: relay; „cooling“: relay   |
| <b>636</b>   | 6 - Zones 2- or 3-point controller; |   | Control outputs: „heating“: bist. voltage; „cooling“: bist. voltage. Com.: -  |
| <b>637</b>   | 6 - Zones 2- or 3-point controller; |   | Control outputs: „heating“: bist. voltage. Com.: -; „cooling“: relay  |
| <b>821</b>   | 8 - Zones 2-point controller;       |   | Control outputs: relay  |
| <b>826</b>   | 8 - Zones 2-point controller;       |   | Control outputs: bistable voltage. Com.: -  |
| <b>831</b>   | 8 - Zones 2- or 3-point controller; |   | Control outputs: „heating“: relay; „cooling“: relay   |
| <b>836</b>   | 8 - Zones 2- or 3-point controller; |   | Control outputs: „heating“: bist. voltage; „cooling“: bist. voltage. Com.: -  |
| <b>837</b>   | 8 - Zones 2- or 3-point controller; |   | Control outputs: „heating“: bist. voltage. Com.: -; „cooling“: relay  |
| <b>A26-1</b> | 10 - Zones 2-point controller;      |   | Control outputs: bistable voltage, Com.: -. Sensor only: Pt100-2-wire.  |
| <b>A21-0</b> | 10 - Zones 2-point controller;      |   | Control outputs: relay  |
| <b>A26-0</b> | 10 - Zones 2-point controller;      |   | Control outputs: bistable voltage. Com.: -  |
| <b>E21</b>   | 16 - Zones 2-point controller;      |   | Control outputs: relay  |
| <b>E26</b>   | 16 - Zones 2-point controller;      |   | Control outputs: bistable voltage. Com.: -  |

2-point controller = „heat-only“ or „cool-only“ programmable. 3-point controller = „heating-off-cooling“

