

# Product SPECIFICATION SHEET

## DIGITAL ANALOGUE TEMP CONTROLLERS

EDS9950-N-115  
EDS9950-N-230  
EDS9950-N-24

| FEATURES                        | DESCRIPTIONS                                                           |
|---------------------------------|------------------------------------------------------------------------|
| <b>Physical Features</b>        |                                                                        |
| Dimensions                      | 96mm x 96mm x 100mm                                                    |
| Protection Class                | IP65 (front); IP20 (rear)                                              |
| Installation                    | Fixed installation                                                     |
| Storage / Operating Temperature | 0°C - 50°C                                                             |
| Storage / Operating Humidity    | 90% max (non-condensing)                                               |
| <b>Electrical Features</b>      |                                                                        |
| Supply Voltage and power        | 230Vac (+15%) 50/60Hz, 3VA                                             |
|                                 | 115Vac (±15%) 50/60Hz, 3VA                                             |
|                                 | 24Vac (±15%) 50/60Hz, 3VA                                              |
|                                 | 24Vac/dc (±15%) 50/60Hz, 3VA                                           |
|                                 | 10-30Vdc                                                               |
| Sensor Inputs                   | J, Fe, Cu, Nhi                                                         |
|                                 | K, Ni, Cr                                                              |
|                                 | R, Pt13%RhPt                                                           |
|                                 | S, Pt10%, RhPt                                                         |
|                                 | PT-100                                                                 |
| Scale                           | Fe CuNi -200°C...900°C                                                 |
|                                 | NiCr -200°C...1300°C                                                   |
|                                 | Pt13%RhPt 0°C...1700°C                                                 |
|                                 | Pt10%RhPt 0°C...1700°C                                                 |
|                                 | PT 100 -200°C,650°C                                                    |
| Accuracy                        | ± 0.25% of scale for thermocouple and thermos-resistance               |
| <b>Output</b>                   |                                                                        |
| Relay Output                    | 7A@250Vac at resistive load                                            |
|                                 | 7A@250Vac at resistive load (Alarm Output)                             |
| SSR Output                      | Maximum 10mA, Maks 17Vdc                                               |
| <b>Control</b>                  |                                                                        |
| Control Form                    | On/Off, P, PI, PD via PID (control form can be programmed by the user) |
| Reading Frequency               | 10 readings per second                                                 |
| Approvals                       | CE                                                                     |



### BRANCH CONTACT DETAILS

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