

# PTC HEATER

## RCE 016 | 5 & 9 W



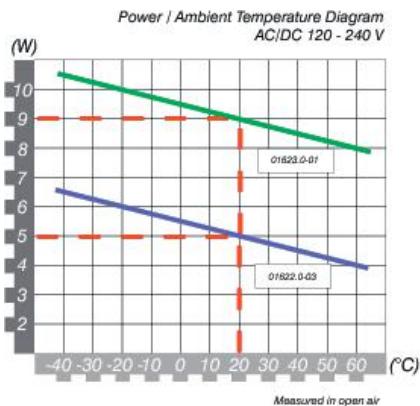
- > Compact size
- > Wide voltage range
- > Energy saving

- > Heating power adjusts to ambient temperature

The RCE 016 small heaters have been designed to prevent condensation and to ensure a minimum operating temperature in small enclosures.

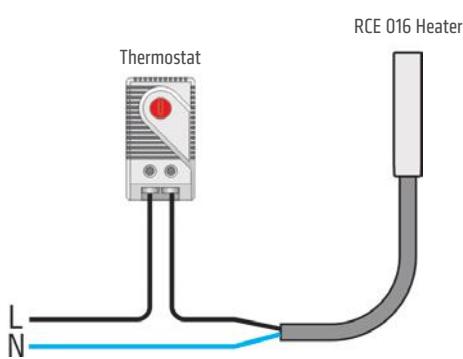


### TECHNICAL DATA

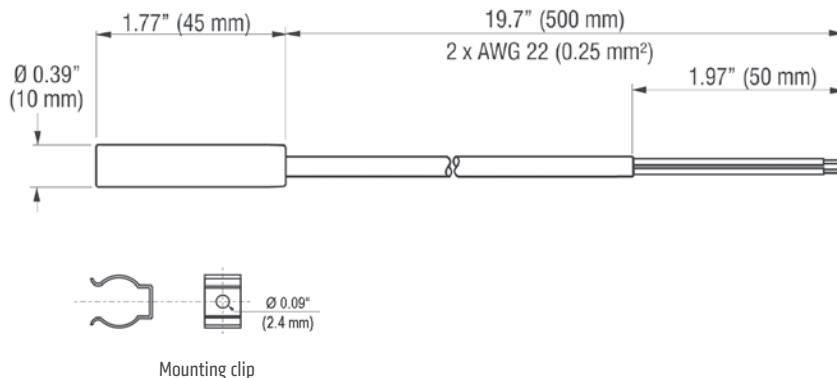


|                                    |  |
|------------------------------------|--|
| Operating voltage                  | see table below  |
| Heating element                    | PTC resistor - temperature limiting                      |
| Heater body                        | aluminum, anodized                                       |
| Insulation                         | PTFE / Kapton  |
| Mounting                           | 2 pressure clips included (mounting screws not included) |
| Mounting position                  | variable   |
| Operating / Storage temperature    | -49 to +158 °F (-45 to +70 °C)                           |
| Operating / Storage humidity       | max. 90 %RH (non-condensing)                             |
| Protection class / Protection type | II (double insulated) / IP54                             |

Wiring example



PTC Heater RCE 016



| Part No.   | Heating capacity <sup>1</sup> | Operating voltage <sup>2</sup> | Max. current (inrush) | Recommended pre-fuse T (time-delay) | Surface temperature (approx.) <sup>1</sup> | Weight (approx.) | Approvals           |     |     |
|------------|-------------------------------|--------------------------------|-----------------------|-------------------------------------|--|------------------|---------------------|-----|-----|
| 01622.0-03 | 5 W                           | AC/DC 120-240 V                | 2.0 A                 | 2.0 A                               | 329 °F (165 °C)                            | 0.7 oz. (20 g)   | UL File No. E234324 | VDE | EAC |
| 01623.0-01 | 9 W                           | AC/DC 120-240 V                | 2.5 A                 | 4.0 A                               | 347 °F (175 °C)                            | 0.7 oz. (20 g)   | UL File No. E234324 | VDE | EAC |
| 01624.0-03 | 5 W                           | AC/DC 12-30 V                  | 5.8 A                 | 6.3 A                               | 284 °F (140 °C)                            | 0.7 oz. (20 g)   | UL File No. E234324 |     | EAC |
| 01625.0-02 | 10 W                          | AC/DC 12-30 V                  | 2.5 A                 | 4.0 A                               | 360 °F (182 °C)                            | 0.7 oz. (20 g)   | UL File No. E234324 |     | EAC |

<sup>1</sup> at 68 °F (20 °C) ambient temperature; <sup>2</sup> operating high voltage heaters below AC/DC 140 V reduces heating performance by approx. 10% (min. 110 V, max 265 V).