

## QT-MFR - MECHANICAL HYGROSTAT



- » Simple to Mount
- » High Switching Performance
- » Adjustable Relative Humidity
- » Change-over contact
- » Easily accessible terminals



**1**  
YEARS WARRANTY



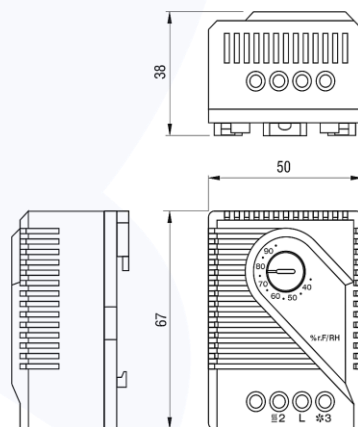
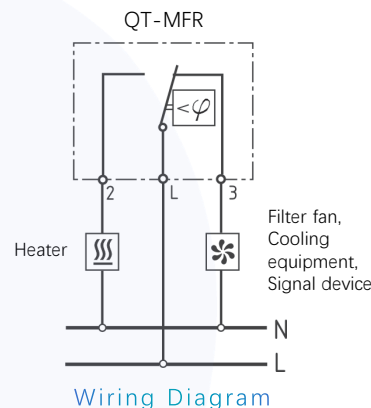
DIN RAIL MOUNT



INDUSTRIAL GRADE

### TECHNICAL PARAMETER

|                                 |                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| Setting Range                   | 35 ~ 95% RH                                                                                                    |
| Switch Difference               | 4% RH ( $\pm 3\%$ tolerance)                                                                                   |
| Type                            | Change-over                                                                                                    |
| Contact Type                    | Snap-action Contact                                                                                            |
| Contact Resistance              | $< 10\text{m}\Omega$                                                                                           |
| Service Life                    | 100,000 cycles                                                                                                 |
| Switching Capacity              | Min. 20V AC/DC 100 mA<br>Max. 250 VAC, 5 (1) A, DC 20W                                                         |
| EMC                             | Acc to EN 55014-1-2, EN 61000-3-2, EN 61000-3-3                                                                |
| Connection                      | 3-pole terminal for 2.5mm <sup>2</sup> , Rigid wire : 2.5mm <sup>2</sup><br>Stranded wire : 1.5mm <sup>2</sup> |
| Connection Casing               | Plastic according to UL94 V-0, Light Grey                                                                      |
| Mounting                        | Clip for 35mm DIN rail, EN 50022                                                                               |
| Operating / Storage Temperature | -20 To +80°C (-4 to +176°F)                                                                                    |
| Weight                          | 80 gm                                                                                                          |
| Dimensions                      | 67 x 50 x 38mm                                                                                                 |
| Protection Type                 | IP20                                                                                                           |
| Certification                   | CE, RoHS Compliance                                                                                            |



Drawing

