

## 1/2 Disc, Automatic Reset type thermostat

## US-602



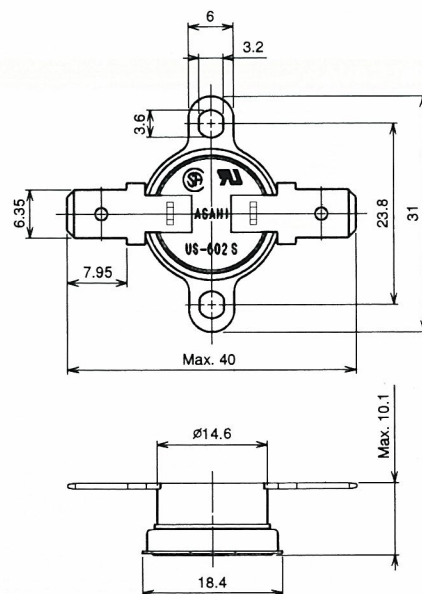
## Specification

|                                    |                                                                                                                                                         |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical rating                  | Type S: 125 VAC, 15A max., resistive load<br>250 VAC, 8A max., resistive load<br>Type K: 30 VDC, 1A max., resistive load<br>120 VAC, 125VA (Pilot Duty) |
| Operating temp range               | 10 to 160°C (50 Degrees F to 320 Degrees F)                                                                                                             |
| Differential                       | 10 to 25K (50 Degrees F to 77 Degrees F)                                                                                                                |
| Temp tolerance                     | Operating temp. $\pm 4^\circ\text{C}$ /Returning temp. $\pm 7^\circ\text{C}$                                                                            |
| Circuit resistance (initial value) | Type S: 50 m $\Omega$ or less<br>Type K: 10 m $\Omega$ or less                                                                                          |
| Insulation resistance              | 100 M $\Omega$ or more (with a 500 VDC megger)                                                                                                          |
| Dielectric strength                | S type AC1,500V/ 1 minute<br>K type AC1,200V/ 1 minute                                                                                                  |
| The maximum override temperature   | 195°C (383 Degrees F)                                                                                                                                   |
| Switching durability               | 100,000 times or more (at rated load)                                                                                                                   |

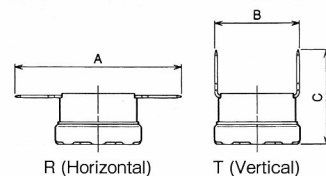
- \* The differential varies slightly with the operating temperature.
- \* Low-temperature use products (anti freezing type) are also available.
- \* Please contact the Overseas Sec for the details since the types and specifications of the approved models are slightly different from those shown above.



## Dimensional drawings



## Terminal type and angle



| Terminal type | A    | B    | C    |
|---------------|------|------|------|
| L             | 38.0 | 16.5 | 21.0 |
| M             | 35.5 | 16.0 | 19.5 |
| S             | 27.0 | 16.0 | 15.0 |
| V             | 32.0 | 16.5 | 18.0 |

[Unit : mm]

## Model Code

US-602

- Cover material and mounting bracket type
- AS: Stainless steel, Stationary Surface bracket
  - FF: Stainless steel, Movable surface bracket
  - QE: Aluminum, Movable surface bracket
  - QL: Aluminum, Movable surface bracket
  - QM: Aluminum, Movable surface bracket
  - QN: Aluminum, Movable surface bracket
  - QD: Aluminum, Movable surface bracket
  - FO: Stainless steel, No bracket
  - RO: Stainless steel, No bracket, 20  $\phi$  round flange
  - QO: Aluminum, No bracket
  - DO: Aluminum, No bracket, Exposed type
  - NO: Aluminum, No bracket, 20  $\phi$  round flange
  - IO: Stainless steel, Air stream bracket (Depth/4.6mm)
  - CO: Stainless steel, Air stream bracket (Depth/4.2mm), Exposed type
  - JO: Stainless steel, Air stream bracket (Depth/5.2mm)
  - KO: Aluminum, Air stream bracket (Depth/4.8mm)
  - SO: Stud mounting
- [6-32 UNC/8-32UNC/10-32UNF/M3×0.5/M4×0.7/M5×0.8]

## Terminal type

- L: Equivalent to Positive Lock Connector 250 series
  - M: Equivalent to Positive Lock Connector 187 series (t0.5)
  - S: For soldering
  - V: Equivalent to IEC 730-1
- (Terminal size: 4.8) (DIN46244A4.8-0.8)

## Terminal angle

- R: Horizontal (See the figure shown to the follows)
- T: Vertical (See the figure shown to the follows)

## Contact type

- X: Open on temperature rise
- Y: Close on temperature rise

## Contact material

- S: Ag alloy contact
- K: Au (Gold) cross bar contact

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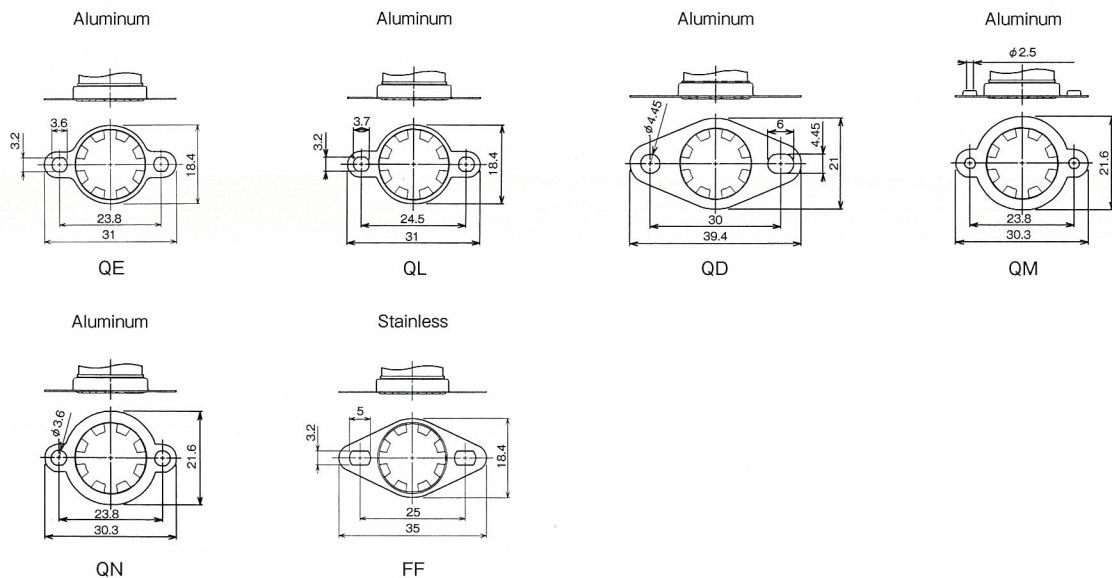
Email : sales@microtech-hk.com

URL : www.microtech-hk.com

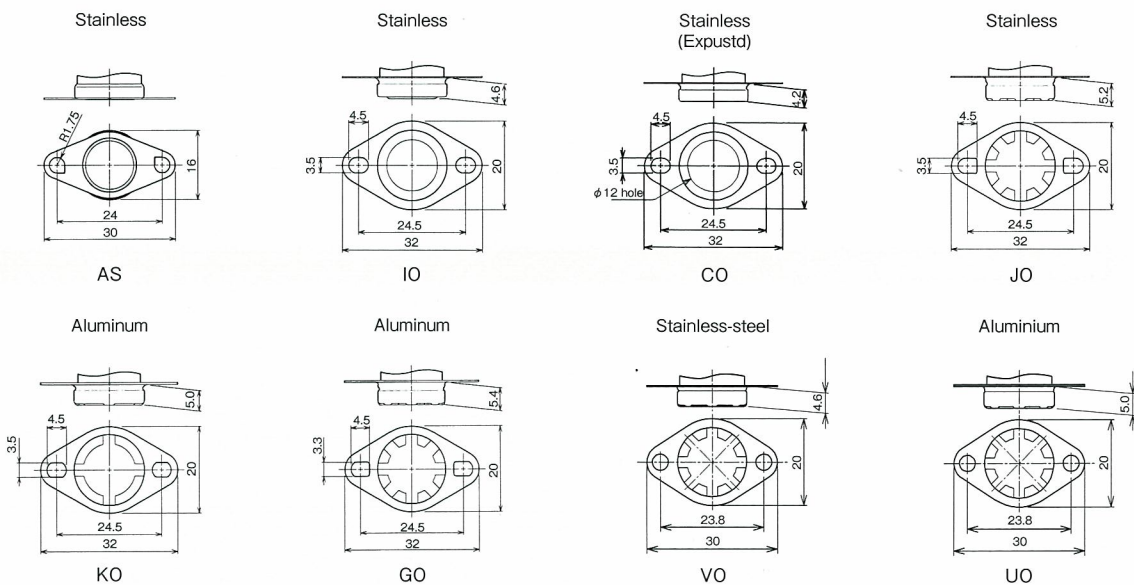
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## Holder model

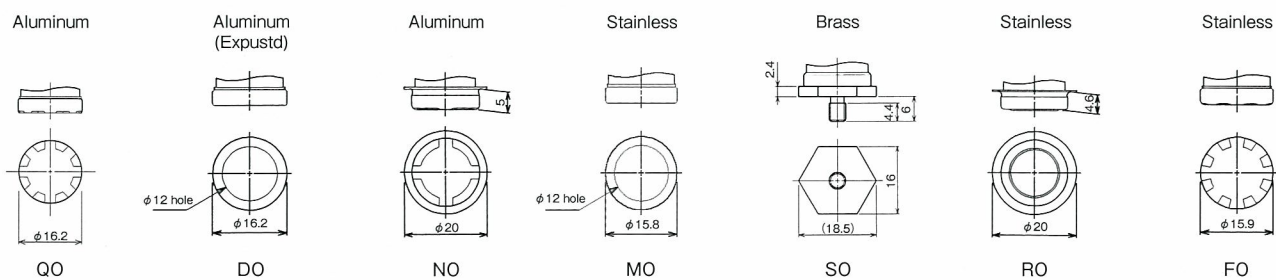
### Movable bracket



### Fixed bracket (FIXED)



### No bracket



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