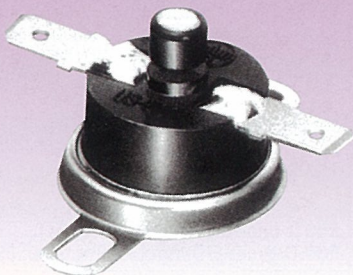


1/2 Disc, Manual Reset type thermostat

US-603



US-603AXRMQE



Model Code

US-603 □ X □ □ □ □ □

H: VDE, EN 60730 model (for U type only)

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, 20φ round flange
- QO: Aluminum, No bracket
- DO: Aluminum, No bracket, Exposed type
- NO: Aluminum, No bracket, 20φ round flange
- IO: Stainless steel, Air stream bracket (Depth/4.6mm)
- CO: Stainless steel, Air stream bracket (Depth/4.6mm), Exposed type
- JO: Stainless steel, Air stream bracket (Depth/5.2mm)
- KO: Aluminum, Air stream bracket (Depth/4.8mm)
- SO: Stud mounting

[6-32UNC/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 IEC730-1 (Terminal size: 4.8)

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

Application type

- A: Ag contact
- K: Au cross bar contact
- U: Ag contact, apply EN 60730

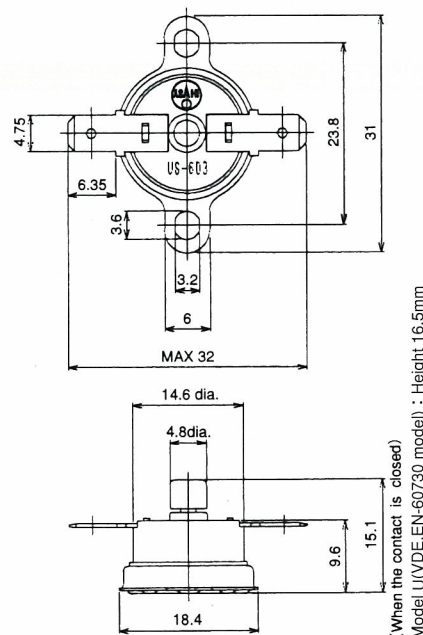
Specification

Electrical rating	Type A-U: 125 VAC, 15A max., resistive load 250 VAC, 10A max., resistive load 120 VAC, 12A max., inductive load 120 VAC, FLA 5.8A, LRA 34.8A 240 VAC, FLA 2.9A, LRA 17.4A Type K: 30 VDC, 1A max., resistive load 120 VAC, 125 VA (Pilot Duty)
Operating temp range	One point fixed between 50 to 160°C (104 Degrees F to 320 Degrees F)
Temp tolerance	Operating temp. ±5°C
Circuit resistance (initial value)	50 mΩ or less
Insulation resistance	100 MΩ or more (with a 500 VDC megger)
Dielectric strength	A-U type: 1,500 V/1 minute K type: 1,200 V/1 minute
Switching durability	6,000 times or more (at rated load)

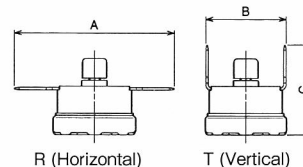
* Type K (Au contact type) for micro currents.

* 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

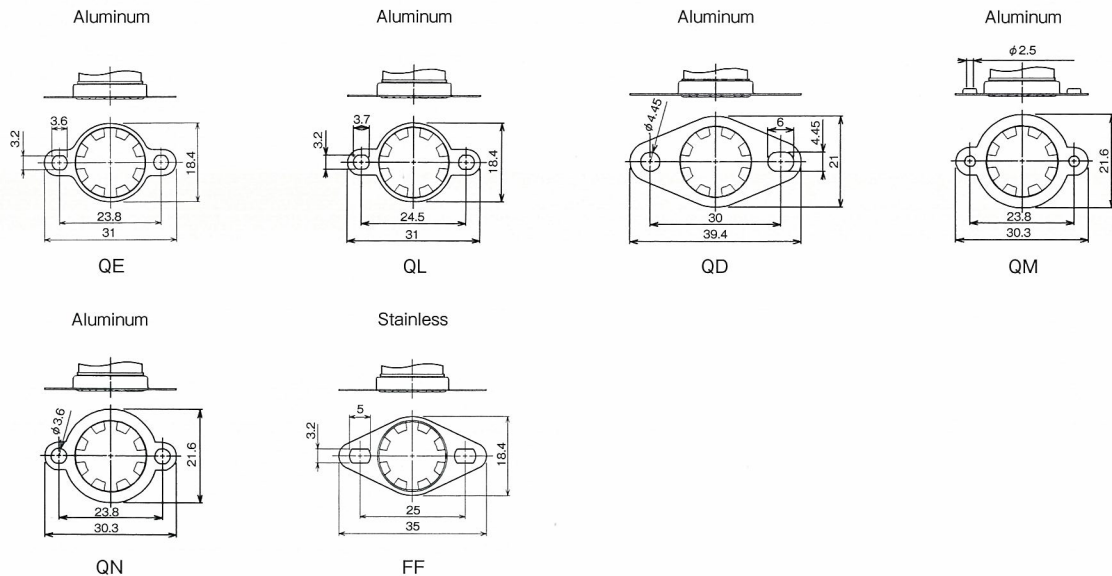


用途型式	Type A · K			Type U
Terminal type	A	B	C	C
L	38.0	16.5	21.0	22.4
M	35.5	16.0	19.5	20.9
S	27.0	16.0	15.0	16.4
V	32.0	16.5	18.0	19.4

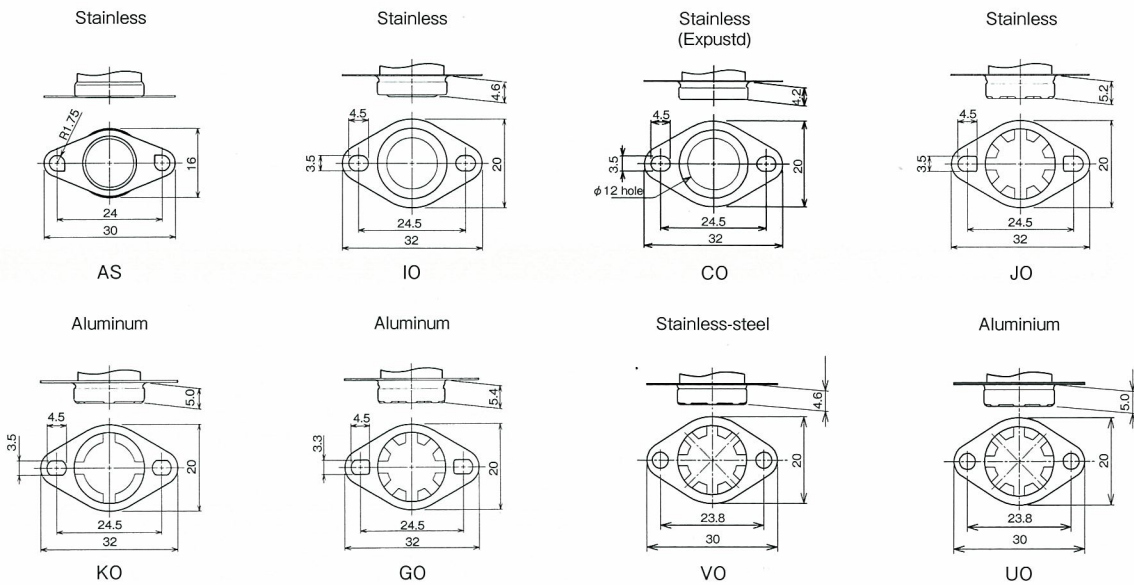
[Unit : mm]

Holder model

Movable bracket



Fixed bracket (FIXED)



No bracket

