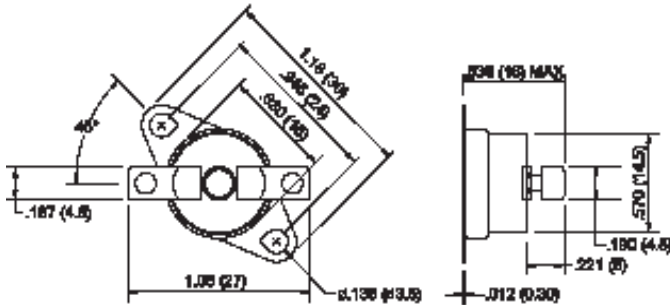


# 1/2" Disc Thermostats - Manual Reset

## OM (603U-H) Series, Gold Contacts (603K)



### SPECIFICATIONS

<b>Electrical ratings - Type U-H</b>	125VAC, 15 Amps, Resistive, 6,000 Cycles 250VAC, 10 Amps, Resistive, 6,000 Cycles
<b>Inductive load ratings</b>	120VAC, 5.8FLA, 34.8LRA, 12 Amps, 6,000 Cycles 250VAC, 2.9FLA, 17.4LRA, 6,000 Cycles
<b>Electrical ratings - Type K</b> <i>(Type K not VDE approved)</i>	30VDC, 1 Amp, Resistive, 6,000 Cycles 120VAC, 125VA (pilot duty), 6,000 Cycles
<b>Temperature range</b> <i>UL approved models</i>	120°F to 302°F (50°C to 150°C)
<i>Non-UL approved models</i>	302°F to 320°F (575°C to 608°C)
<b>Manual reset</b>	30% below operating temperature
<b>Automatic reset</b>	-40°F
<b>Environmental temperature</b>	32°F to 350°F (0°C to 177°C)
<b>Insulation resistance</b>	100M Ω or more (with a 500VDC megger)
<b>Circuit resistance</b>	50m Ω or less (initial value)
<b>Dielectric strength</b>	1,500VAC/1 minute
<b>Approvals</b>	UL File No. E145478(S), XAPX2 C-UL File No. E145478(S), XAPX8 CSA File No. LR63201 VDE File No. 135151 (Type U-H only) RoHS Compliant

### APPLICATIONS

- Fireplaces
- Vacuum cleaners
- Food service equipment

This line of highly reliable switches utilize a snap-action bimetal disc, electrically and thermally isolated from the switch. The contacts are normally closed and open on rise when surface or ambient temperature set point is reached. The circuit will remain open until the manual reset button is depressed at approximately 30% below operating temperature. All models are 100% temperature tested which can be calibrated to your specification at the factory.

Value Added options available including over-mold and seal. For details regarding Value Added options, see pages 48.

Models available from stock - subject to availability • OM Series - Open On-Rise (normally closed)

Open On-Rise	Model Number	Open °F	Mounting	Terminals	Orientation from Mounting Holes
Open	OM-140-QC	140 ± 10	surface	.250 quick connects, horizontal	90°
Open	OM-150-QCV	150 ± 10	rotating bracket	.250 quick connects, vertical	●
Open	OM-160	160 ± 10	surface	solder	45°
Open	OM-180-QC	180 ± 10	surface	.187 quick connects, horizontal	45°
Open	OM-194	194 ± 10	surface	solder	90°
Open	OM-195-QC	195 ± 10	rotating bracket	.250 quick connects, horizontal	●
Open	OM-200-QCV	200 ± 10	surface	.250 quick connects, vertical	90°
Open	OM-212-QC	212 ± 10	rotating bracket	.250 quick connects, horizontal	●
Open	OM-225-QC	225 ± 10	rotating bracket	.250 quick connects, horizontal	●
Open	OM-250	250 ± 10	surface	solder	45°
Open	OM-250-QC	250 ± 10	surface	.250 quick connects, horizontal	45°
Open	OM-260-SO	260 ± 7	6-32 stud	.250 quick connects, horizontal	●
Open	OM-265-A	265 ± 10	air	solder	45°
Open	OM-285-QC	285 ± 10	surface	.250 quick connects, horizontal	45°
Open	OM-302-QCV	302 ± 10	surface	.250 quick connects, vertical	90°
Open	OM-320	320 ± 10	surface	solder	45°
Open	OM-320-QC	320 ± 10	surface	.250 quick connects, horizontal	45°

It is the customer's sole responsibility to specify and determine the suitability of a particular control or component based on their unique individual applications and requirements

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