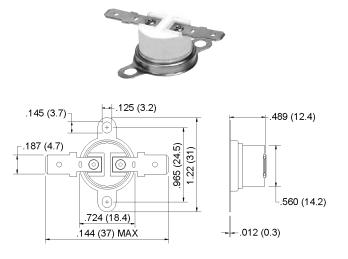
## 1/2" Disc Thermostats - Automatic Reset CRA/ORA (625A) Series



## **FEATURES**

- ISO 9000 certification
- High temperature case
- Quick and easy installation

## **APPLICATIONS**

- Heaters
- Gas furnaces
- Commercial food equipment

## **SPECIFICATIONS**

Electrical ratings 125VAC, 15 Amps, Resistive, 100,000 Cycles 250VAC, 10 Amps, Resistive, 100,000 Cycles

 Temperature range
 50°F to 500°F (10°C to 260°C)

 Differential
 27°F to 100°F (15°C to 55°C)

Environmental temperature  $-4^{\circ}F$  to  $554^{\circ}F$  ( $-20^{\circ}C$  to  $290^{\circ}C$ )

Insulation resistance  $100M \ \Omega$  or more (with a 500VDC megger)

Circuit resistance  $50m \Omega$  or less (initial value) Dielectric strength 1,500VAC/1 minute

Approvals UL File No. E145478(S), XAPX2

C-UL File No. E145478(S), XAPX8

VDE, CE RoHS Compliant

These snap-action bimetal discs are housed in a ceramic case to handle extremely high temperatures. The increased factory calibrated set points are available up to 500°F (260°C). The contacts can either open or close on temperature rise.

All models are 100% temperature tested before leaving the factory.

Gold contacts available upon request. 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 • CRA - Close On-Rise (normally open) • ORA - Open On-Rise (normally closed)

Open On-Rise	Model Number	Open ⁰F	Close ⁰F	Mounting	Terminals
Open	ORA-257-QCV	257 ± 9	230 ± 9	rotating bracket	.250 quick connects, vertical
Open	ORA-347-QCV	347 ± 16	284 ± 16	rotating bracket	.250 quick connects, vertical
Open	ORA-350-QC	350 ± 14	290 ± 20	rotating bracket	.187 quick connects, horizontal
Open	ORA-375-QC	375 ± 14	315 ± 20	rotating bracket	.250 quick connects, horizontal
Open	ORA-400-QC	400 ± 14	340 ± 20	rotating bracket	.250 quick connects, horizontal
Open	ORA-425-QC	425 ± 15	375 ± 20	rotating bracket	.250 quick connects, horizontal
Open	ORA-450-QC	450 ± 15	370 ± 20	rotating bracket	.250 quick connects, horizontal
Open	ORA-500-QC	500 ± 20	420 ± 20	rotating bracket	.250 quick connects, horizontal
Open	ORA-500-QCV50	500 ± 20	450 ± 20	rotating bracket	.250 quick connects, vertical

Note: Single operation (one-shot) feature is available. Once the contacts have opened, the contacts will not reclose until ambient temperature drops below -31°F (-35°C).

# Special Order Map For CA/OA, OM, CR/OR, and CRA/ORA Series

## **Build Your Own Part**

Model Contacts Function Terminal Type Bracket Terminal Orientation Set Point OF/°C Differential

#### Model

602S CA/OA Series - 1/2" Automatic Reset refer to pages 5-7
603U-H OM Series - 1/2" Manual Reset refer to page 8
622A CR/OR Series - Standard Case - 1/2" Automatic Reset refer to page 11
622P CR/OR - 4-Post Case - 1/2" Automatic Reset refer to page 11
625A CRA/ORA - High Temperature - 1/2" Automatic Reset refer to page 12

#### Contacts

S Silver contacts K Gold contacts

#### **Function**

X Open on-rise (normally closed)Y Close on-rise (normally open)

## **Terminal Type**

Models CA/OA (602S) and OM (603U-H) refer to page 10 Models CR/OR (622A and 622P) and CRA/ORA (625A) refer to page 14

## **Bracket Type**

Models CA/OA (602S) and OM (603U-H) refer to page 9
Models CR/OR (622A and 622P) and CRA/ORA (625A) refer to page 13

## **Terminal Orientation**

О°

45°

90°

## **Example Part Number**

