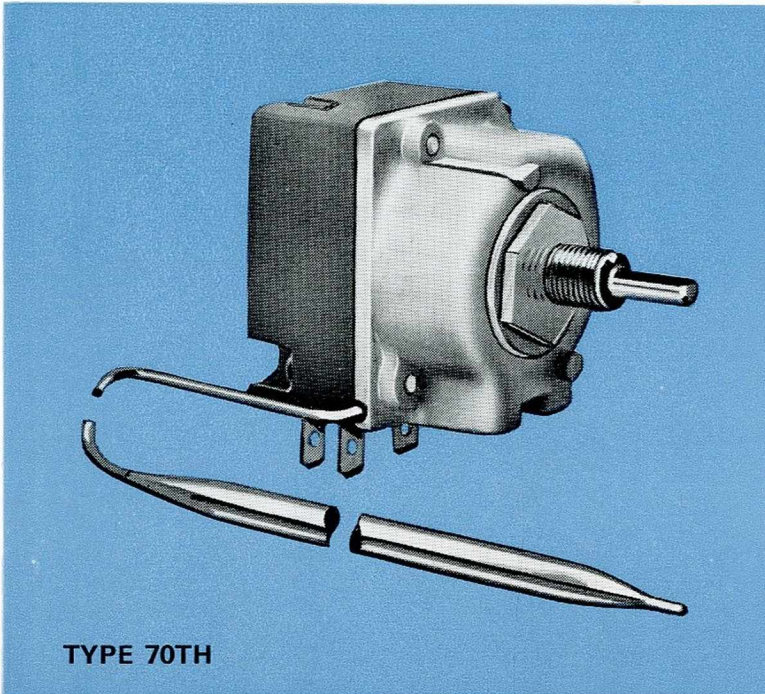


DIAMOND H THERMOSTAT (SLOW BREAK)

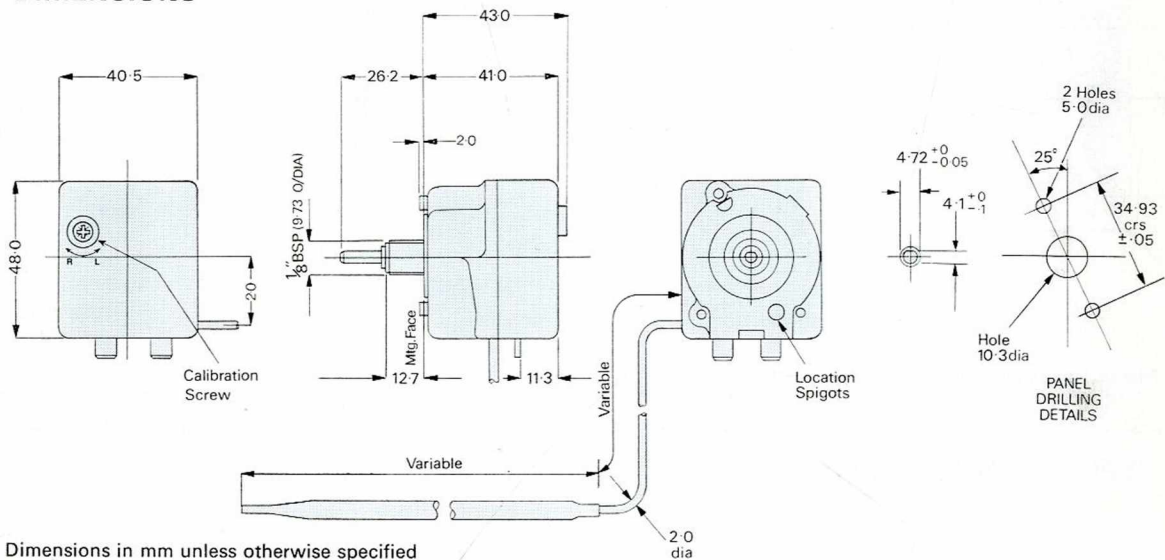
70TH Series

TYPE 70TH

The type 70TH Thermostat has been designed to supersede the widely used 23TH series, offering a more compact and economical control. Utilising a slow-break mechanism operated by a fluid filled diaphragm system a low differential switch is achieved, thus making the 70TH the ideal thermostat where accurate and reliable temperature control is required. The control is fitted with 0.250" push-on terminals, available in three forms. Where screw terminations are necessary adaptors can be supplied.

DIMENSIONS



SPECIFICATIONS FOR 70TH AND 75/78TH

RATING

Thermal Switch — 3 kW. 240V AC only
 Auxiliary Switch — 3 kW. 240V AC only

CONTROL

Thermal Switch — Single pole, single circuit, slow break
 Auxiliary Switch — Maximum two pole changeover, slow break

CALIBRATION

Adjustment is provided at the rear of the Thermostat

TERMINATIONS

0.250" Push-on type
 Screw and clamp adaptors available if required

TEMPERATURE RANGES

150°-550°F standard
 Other ranges to customer specification
 (Minimum level 100°F Maximum level 550°F)

CAPILLARY LENGTH

18" Minimum (other lengths available on application)

PIAL SIZE

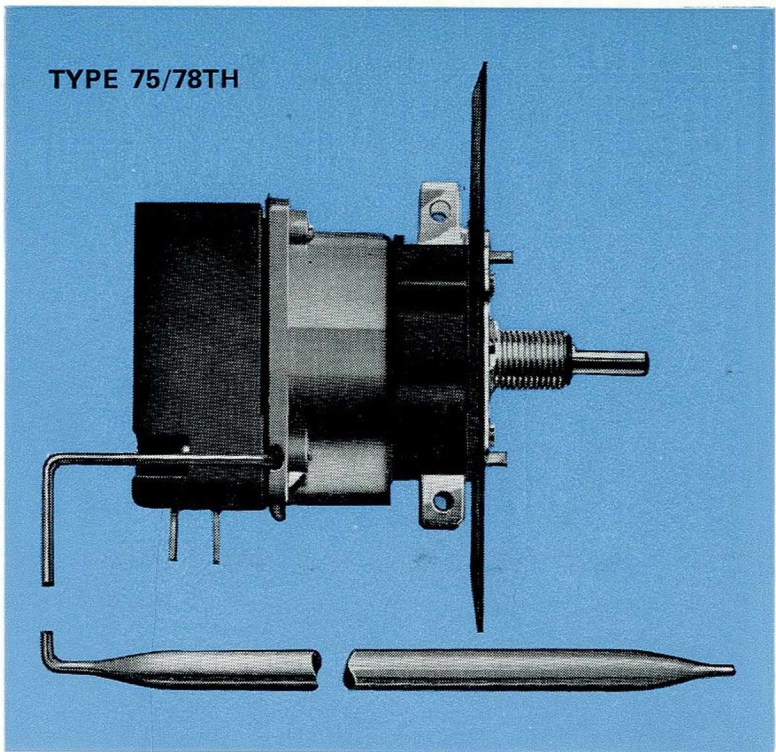
10.50" x 0.200" O/D (Standard)

AMBIENT TEMPERATURE

Head temperature — Maximum 107°C (225°F)

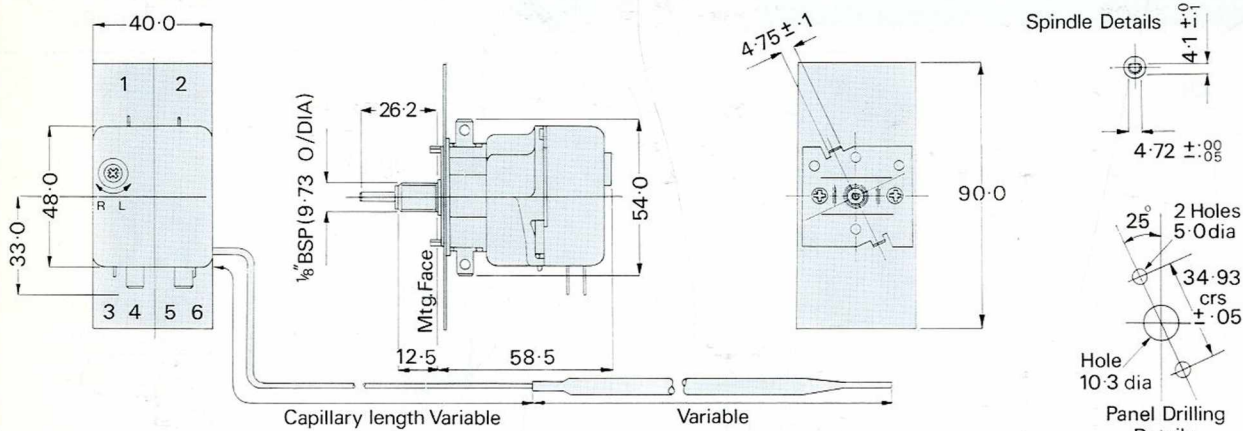
MEETS THE REQUIREMENTS OF BS3955

TYPE 75/78TH



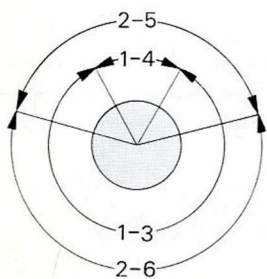
The 75/78TH series thermostats have been developed to meet the requirements of the more sophisticated applications such as double-oven electric cookers, where additional circuit control is required. Utilising the basic 70TH thermal control this range of thermostats incorporates an auxiliary mechanical switch operated by the thermostat spindle and providing up to two-pole changeover fully rated contacts. Variations of switching sequence to customer specification can be considered upon application.

DIMENSIONS

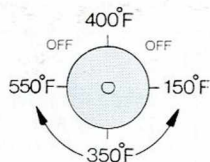


Dimensions in mm unless otherwise specified

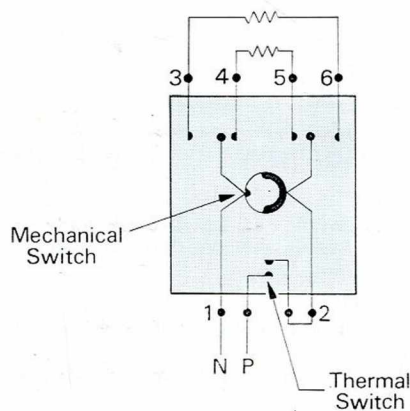
TYPICAL CONTROL SEQUENCE



Mechanical Switch



Thermal Switch



Dimensions and specifications subject to change without notice.

DIAMOND H CONTROLS LTD

(a subsidiary of Oak Industries Inc.)

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