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Find the *Keithley 7402* at our website: *Click HERE*

7402 SPECIFICATIONS

CHANNELS PER CARD: 9 plus temperature reference.
CONTACT CONFIGURATION: 2 pole form A, with common guard.
ISOTHERMAL BLOCK:

Temperature Offset: ±0.05°C maximum from HI to LO of any channel or between any two adjacent channels in a column of the isothermal block. ±0.1°C maximum between any two terminals on the isothermal block. Maximum additional dynamic offset due to 10°C step change in environment: ±0.1°C after 1 hour settling.

Connector type: Screw terminals, No. 18 AWG wire maximum.

TEMPERATURE REFERENCE:

Type: Semiconductor, temperature dependent current source.

Output: +200μV/°C, (+54.63mV @ 0°C).

Accuracy: ±0.25°C (10°-35°C), ±0.50°C (0°-10°C and 35°-50°C).

RELAY:

Drive Current: 12mA per relay (typical).

Actuation Time: <5ms, exclusive of mainframe.

Contact Offset Voltage: <1μV.

Maximum Signal Level: 42V, 100mA, 2VA (non-inductive load only).

Contact Life: $>10^8$ closures (dry circuit), $>10^6$ at maximum signal level.

Contact Resistance: <0.7Ω initial (<2Ω to rated contact life).

ISOLATION:

Channel: $>10^9\Omega$, <10pF.

Input: $>10^7\Omega$, <150pF.

Common Mode Voltage: 200V peak.

ENVIRONMENT:

Operating: 0°-50°C, 0% to 70% relative humidity up to 35°C; linearly derate 3% RH/°C, 35°-50°C.

Storage: −25° to +65°C.

DIMENSIONS, WEIGHT: 32mm high × 114mm wide × 272mm long (1¼ in. × 4½ in. × 10¾ in.). Net weight 0.64kg (1 lb. 6.5 oz.).

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