

SPECIFICATIONS

7164-D

CHANNELS PER CARD: 20.

CONTACT TYPE: Dry reed.

CONTACT CONFIGURATION: 2-pole Form A, common guard/shield connection.

CONNECTOR TYPE: 50-pin D connector.

RELAY DRIVE CURRENT: 30mA per relay typical.

MAXIMUM SIGNAL LEVEL: 100V peak, 0.5A rms switched, 1A rms carry, 10VA (resistive load only).

CONTACT LIFE: $>10^8$ closures cold switching; $>10^7$ closures at maximum signal level.

CONTACT RESISTANCE: $<400\text{m}\Omega$ initial, 2Ω to rated life.

CONTACT POTENTIAL: $<50\mu\text{V}$ per contact pair with copper leads.

ACTUATION TIME: $<2\text{msec.}$, exclusive of mainframe.

CHANNEL ISOLATION: $>10^9\Omega$, $<20\text{pF}$.

INPUT ISOLATION: Differential: $>10^9\Omega$, $<50\text{pF}$. Common Mode: $>10^9\Omega$, $<150\text{pF}$.

CHANNEL TO CHANNEL VOLTAGE: 100V peak.

COMMON MODE VOLTAGE: 200V peak.

ENVIRONMENT: Operating: 0° to 50°C , up to 35°C at 70% R.H. Storage: -25° to 65°C .

DIMENSIONS, WEIGHT: 32mm high x 114mm wide x 272mm long (1-1/4 in. x 4-1/2 in. x 10-3/4 in.). Net weight 0.23kg (8 oz.).

7164-M

CHANNELS PER CARD: 20.

CONTACT TYPE: Mercury wetted reed.

CONTACT CONFIGURATION: 2-pole Form A, common guard/shield connection.

CONNECTOR TYPE: 50-pin D connector.

RELAY DRIVE CURRENT: 50mA per relay typical.

MAXIMUM SIGNAL LEVEL: 100V peak, 0.75A rms switched, 1A rms carry, 30VA.

CONTACT LIFE: $>10^8$ closures cold switching; $>10^8$ closures at maximum signal level.

CONTACT RESISTANCE: $<400\text{m}\Omega$ to rated life.

CONTACT POTENTIAL: $<75\mu\text{V}$ per contact pair with copper leads.

ACTUATION TIME: $<2\text{msec.}$, exclusive of mainframe.

CHANNEL ISOLATION: $>10^9\Omega$, $<20\text{pF}$.

INPUT ISOLATION: Differential: $>10^9\Omega$, $<50\text{pF}$. Common Mode: $>10^9\Omega$, $<150\text{pF}$.

CHANNEL TO CHANNEL VOLTAGE: 100V peak.

COMMON MODE VOLTAGE: 200V peak.

ENVIRONMENT: Operating: 0° to 50°C , up to 35°C at 70% R.H. Storage: -25° to 65°C .

DIMENSIONS, WEIGHT: 32mm high x 114mm wide x 272mm long (1-1/4 in. x 4-1/2 in. x 10-3/4 in.). Net weight 0.27kg (9.5 oz.).