



Agilent Technologies 44471A 10-Channel General Purpose Relay Module

Data Sheet

General Specifications

Relays: Armature latching relay
Thermal Offset: $<3\mu\text{V}/\text{channel}$
Relay Life (Mechanical): 10^8
Maximum Scan Rate: 43 chan./sec

Input Characteristics

Maximum Current: 2A
Maximum Voltage: 250V
Maximum Power:
Per channel: 60W or 125VA
Per module: 600W or 1250 VA
Initial Closed Channel Resistance: $<1\ \text{Ohm}$

DC Isolation ($<40^\circ\text{C}$, 60% RH)

Open Channel, Channel-Channel: $>10^{11}\ \text{Ohm}$
Channel-Chassis: $>5 \times 10^{11}\ \text{Ohm}$

AC Isolation

Capacitance (with 1 channel closed):
Open Channel, Channel-Channel: $<7\text{pF}$
Channel-chassis: $<7\text{pF}$
Insertion Loss (with 50 Ohm termination):
100kHz: $<0.20\text{dB}$
1MHz: $<0.25\text{dB}$
10MHz: $<0.50\text{dB}$
Crosstalk (with 50 Ohm termination):
100kHz: $<-73\text{dB}$
1MHz: $<-53\text{dB}$
10MHz: $<-33\text{dB}$

Module accessories

Agilent 44481A Screw terminal block for Agilent 44471A
****Note: All voltage and current are in DC or AC RMS if not specified**

