



Agilent Technologies 44471D 20-Channel General Purpose Relay Module

Data Sheet

General Specifications

Relays: Armature latching relay
Thermal Offset: <3uV/channel
Relay Life (mechanical): 10^8
Maximum Scan Rate: 43 chan./sec

Input Characteristics

Maximum Current: 1A
Maximum Voltage: 250V
Maximum Power:
Per channel: 60W or 125VA
Per module: 1200W or 2500 VA
Initial Closed Channel Resistance: <1 Ohm

DC Isolation (<40°C, 60% RH)

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

AC Isolation

Capacitance (with 1 channel closed):
Open Channel, Channel-Channel: <7pF
Channel-chassis: <25pF
Insertion Loss (with 50 Ohm termination):
100kHz: <0.20dB
1MHz: <0.25dB
10MHz: <1.0 dB
Crosstalk (with 50 Ohm termination):
100kHz: <-73dB
1MHz: <-53dB
10MHz: <-31dB

Module accessories

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