

HP 44471D

## 20-Channel General Purpose Relay Module



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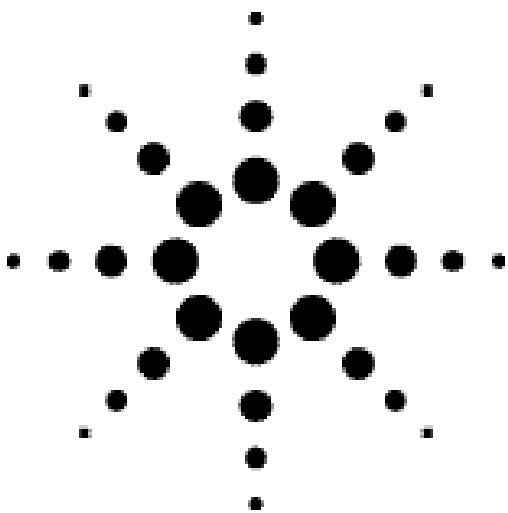
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# Agilent Technologies 44471D 20-Channel General Purpose Relay Module

## 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: 1A  
Maximum Voltage: 250V  
Maximum Power:  
Per channel: 60W or 125VA  
Per module: 1200W or 2500 VA  
Initial Closed Channel Resistance:  $<1\ \Omega$

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

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

### AC Isolation

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

### Module accessories

Agilent 44481B Screw terminal block for Agilent 44471D

**\*\*Note: All voltage and current are in DC or AC RMS if not specified**



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