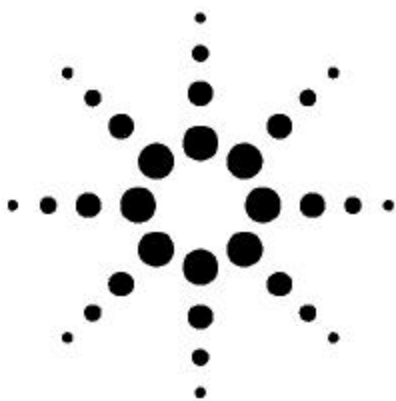




Agilent N2265A Multifunction Module

Data Sheet

Product Specifications

4 x 4 Matrix

General Specifications

Relays: Armature latching relay

Relay Life (mechanical): 10^8

Maximum Scan Rate: 80 ch/ sec

Input Characteristics

Maximum Voltage: 200V

Maximum Current:

Per channel: 1A

Per module: 4A

Maximum Power:

Per channel: 60W; 62.5VA

Per module: 240W; 250 VA

Initial Closed Channel Resistance: <1 Ohm

DC Isolation(<40°C, 60% RH)

Open Channel, Channel-Channel: $>10^{10}$ Ohm

HI-LO: $>10^{10}$ Ohm

Channel-Chassis: $>10^{10}$ Ohm

AC Isolation

Capacitance (with 1 channel closed):

Open Channel, Channel-Channel: <7pF

HI-LO: <25pF

Channel-Chassis: <40pF

Insertion Loss (with 50 Ohm termination):

100kHz: <0.10dB

1MHz: <0.20dB

10MHz: <0.60dB

Crosstalk (with 50 Ohm termination):

100kHz: <-76dB

1MHz: <-56dB

10MHz: <-33dB

16-bit Digital I/O

I/O Line

V_{in} <+42V DC

I_{in} <0.6A

V_{out} >2.4V @I<10mA

V_{out} <0.8V @I< 0.6A



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$V_{in}(\text{high}) > 2.0\text{V}$

$V_{in}(\text{low}) < 0.8\text{V}$

Handshake Lines

$V_{in} < +5\text{V DC}$

$V_{out} > 2.4\text{V @ } I < 400\mu\text{A}$

$V_{out} < 0.5\text{V @ } I < 1\text{mA}$

$V_{in} > 2.0\text{V}$

$V_{in} < 0.8\text{V}$

Accessories

N2295A Screw Terminal block

N2296A Crimp & insert terminal block

N2297A DIN96-to-Twin-D50 cable

N2299A DIN96-to-Quad-D25 cable



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