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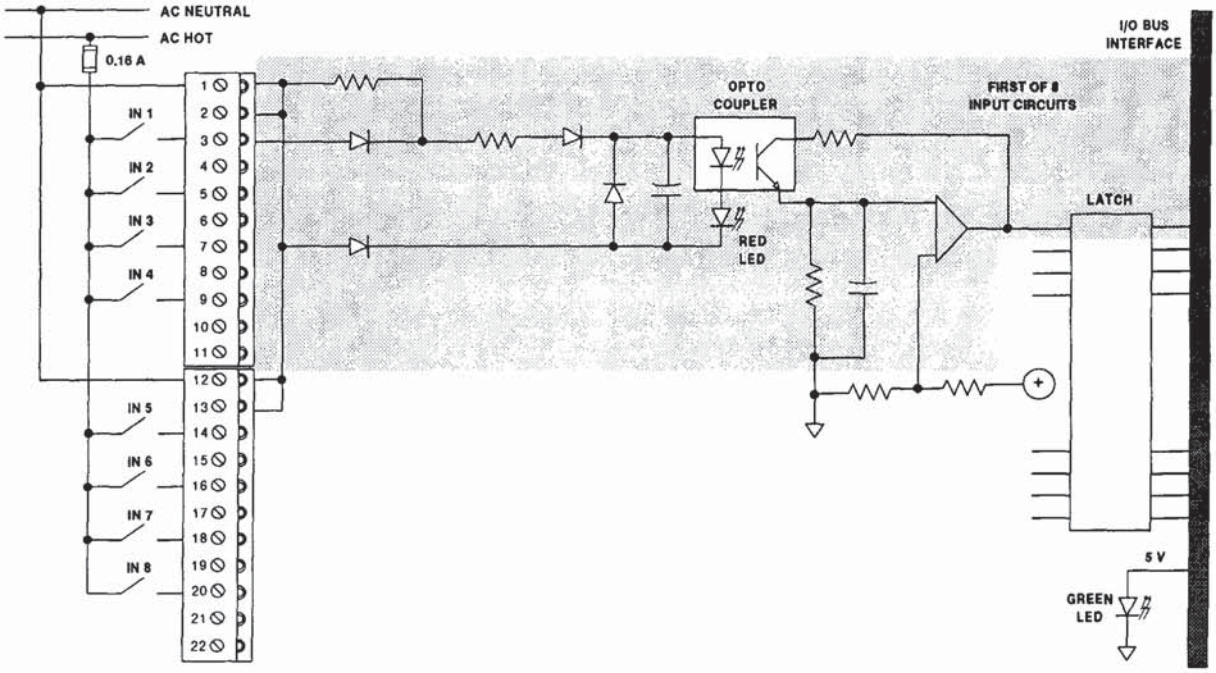
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Find the *Schneider Electric / Gould / AEG DAP 218* at our website: ***Click HERE***

DAP 209 Discrete Output Module

The DAP 209 is a discrete output module with eight independent 120 VAC output circuits. It can drive relays, motor starters, pilot lamps, valves, solenoids and other similar loads of up to 0.6 A. The module is structured in one group of eight outputs, each output electrically isolated from the I/O bus by an opto-coupler.

Figure 5-34 Wiring Diagram and Simplified Schematic for the DAP 209 Output Module



LED's

The DAP 209 has nine LEDs. One green LED opposite terminal screw 1 indicates the presence of AC line voltage when ON. Eight red LEDs opposite terminal screws 3, 5, 7, 9, 14, 16, 18, and 20 indicate AC ON condition for the field wiring side of outputs 1 ... 8, respectively.

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DAP 209 Characteristics

Module Topology

Number of Inputs	8
Number of Groups	1
Points/Group	8
Isolation	Opto-coupler on each input

Power Supplies

External Source Requirement	120 VAC
Internally Provided Source	5V from I/O Bus
Internal Power Dissipation	2 Watts (Typical)

Electrical Characteristics

Working Voltage Range	80 VAC ... 130 VAC cont. 47 ... 63 Hz
Output Voltage	150 VAC RMS max for 10 Sec. 200 VAC RMS max for 1 cycle
Operating Mode	True High
OFF State Leakage Current	1.9 mA maximum
ON State Voltage Drop	1.5 VAC RMS maximum
Load Current	0.6 a /channel, 4.8 A/module 5 mA minimum
Response Time	8.34 mSec max @ 60 Hz
Wire Size/Terminal	One Wire: 14 AWG; Two Wires: 20 AWG

Addressing Characteristics

Discrete I/O Points (Bits)	0 in / 8 out
Register I/O (registers)	0 in / 1 out (using bits 1 ... 8 of a 4XXXX register)

Dimensions

W x H x D	40.3 x 145 x 117.5 mm (1.6 x 5.6 x 4.5 in.)
Weight	220 g (.5 lb.)

Agency Approvals

Designed to meet VDE 0160 and UL 508 Standard

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