Digital Output Modules

8-channel 24 VDC digital output modules

**M-2800: 8 digital outputs, sink type, 24 VDC, 0.5 A**
- Digital Outputs: 8 channels
- Type: sink
- Output Range: 24 VDC nominal
- On-state Voltage Drop: 0.3 VDC @ 25°C (max.)
- On-state Current: 1 mA per channel (min.)
- Off Leakage Current: 50 µA (max.)
- Current Rating: 0.5 A per channel
- Common Type: 8 channels per external common (single common)
- Power Consumption: 60 mA @ 5 VDC
- Isolation: I/O to logic (photocoupler isolation)
- Wiring: I/O cable max. AWG14
- MTBF: 13,884,600 hrs (Database: Telcordia/Bellcore)

**M-2801: 8 digital outputs, source type, 24 VDC, 0.5 A**
- Digital Outputs: 8 channels
- Type: source
- Output Range: 24 VDC nominal
- On-state Voltage Drop: 0.3 VDC @ 25°C (max.)
- On-state Current: 1 mA per channel (min.)
- Off Leakage Current: 50 µA (max.)
- Current Rating: 0.5 A per channel
- Common Type: 8 channels per external common (single common)
- Power Consumption: 60 mA @ 5 VDC
- Isolation: I/O to logic (photocoupler isolation)
- Wiring: I/O cable max. AWG14
- MTBF: 14,340,120 hrs (Database: Telcordia/Bellcore)

16-channel digital output modules

**M-2600: 16 digital outputs, sink type, 24 VDC, 0.3 A**
- Digital Outputs: 16 channels
- Type: sink
- Output Range: 24 VDC nominal
- On-state Voltage Drop: 0.3 VDC @ 25°C (max.)
- On-state Current: 1 mA per channel (min.)
- Off Leakage Current: 50 µA (max.)
- Current Rating: 0.5 A per channel
- Common Type: 8 channels per external common (single common)
- Power Consumption: 60 mA @ 5 VDC
- Isolation: I/O to logic (photocoupler isolation)
- Wiring: I/O flat cable 20-pin
- MTBF: 9,732,360 hrs (Database: Telcordia/Bellcore)
**Remote I/O**

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**M-2601: 16 digital outputs, source type, 24 VDC, 0.3 A**

Digital Outputs: 16 channels  
Type: source  
Output Range: 24 VDC nominal  
On-state Voltage Drop: 0.3 VDC @ 25°C (max.)  
On-state Current: 1 mA per channel (min.)  
Off Leakage Current: 50 µA (max.)  
Current Rating: 0.5 A per channel  
Common Type: 8 channels per external common (single common)  
Power Consumption: 60 mA @ 5 VDC  
Isolation: I/O to logic (photocoupler isolation)  
Wiring: I/O flat cable 20-pin  
MTBF: 9,749,880 hrs (Database: Telcordia/Bellcore)

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**M-2450: 4 relay outputs, 24-VDC/230-VAC, 2 A**

Relay Outputs: 4 channels  
Relay Type:  
• Form A (N.O.)  
• Single Pole, Single Throw (SPST)  
Output Voltage Range: Load dependent  
• 5 to 28.8 VDC @ 2 A resistive  
• 48 VDC @ 0.8 A resistive  
• 110 VDC @ 0.3 A resistive  
• 250 VAC @ 2 A resistive  
Output Current Rating: At rated power  
• 2 A @ 5 to 28.8 VDC  
• 0.8 A @ 48 VDC  
• 0.5 A @ 110 VDC  
• 2 A @ 250 VAC  
Min. Load: 100 µA, 100 m VDC per point  
Max. On-state Voltage Drop: 0.5 V @ 2 A, resistive load, 24 VDC  
Off-state Leakage Current: 1.5 mA (max)  
Common Type: 1 channel for 1 COM  
Power Consumption: 65 mA @ 5 VDC  
Isolation: I/O to logic (Relay Coil/Contact isolation)  
Wiring: I/O cable max. AWG14  
MTBF: 14,033,520 hrs (Database: Telcordia/Bellcore)

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**4-channel relay output modules**

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**Ordering Information**

Available Models  
M-2800: Modular remote I/O module with 8 DOs, sink type, 24 VDC, RTB, -10 to 60°C operating temperature  
M-2801: Modular remote I/O module with 8 DOs, source type, 24 VDC, RTB, -10 to 60°C operating temperature  
M-2600: Modular remote I/O module with 16 DOs, sink type, 24 VDC, 20-pin, -10 to 60°C operating temperature  
M-2601: Modular remote I/O module with 16 DOs, source type, 24 VDC, 20-pin, -10 to 60°C operating temperature  
M-2450: Modular remote I/O module with 4 Relays, 230 VAC/24 VDC, RTB, -10 to 60°C operating temperature