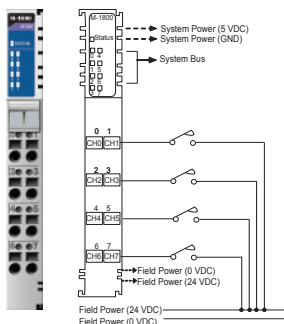




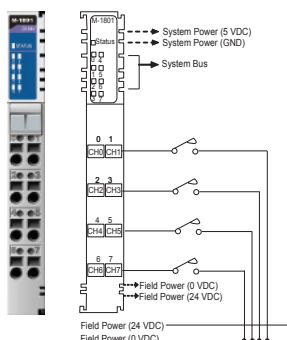
Digital Input Modules

8-channel 24 VDC digital input modules



M-1800: 8 digital inputs, sink, 24 VDC

- Inputs per Module:** 8 channels, sink type
- On-state Voltage:** 24 VDC nominal, min. 11 VDC to max. 28.8 VDC
- Min. Off-state Voltage:** Max. 5 VDC
- On-state Current:** Max. 6 mA/point @ 28.8 VDC
- Input Impedance:** Typ. 5.1K ohms
- Filtering Time:** Typ. 1.5 ms
- Common Type:** External common
- Power Consumption:** Max. 35 mA @ 5 VDC

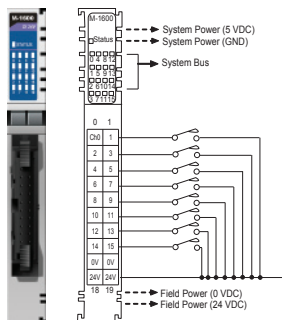


M-1801: 8 digital inputs, source, 24 VDC

- Inputs per Module:** 8 channels, source type
- On-state Voltage:** 24 VDC nominal, min. 11 VDC to max. 28.8 VDC
- Min. Off-state Voltage:** Max. 5 VDC
- On-state Current:** Max. 6 mA/point @ 28.8 VDC
- Input Impedance:** Typ. 5.1K ohms
- Filtering Time:** Typ. 1.5 ms
- Common Type:** External common
- Power Consumption:** Max. 35 mA @ 5 VDC



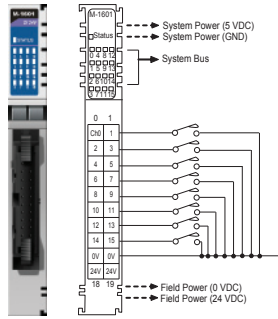
16-channel 24 VDC digital input modules



M-1600: 16 digital inputs, sink, 24 VDC

- Inputs per Module:** 16 channels, sink type
- On-state Voltage:** 24 VDC nominal, min. 11 VDC to max. 28.8 VDC
- Min. Off-state Voltage:** Max. 5 VDC
- On-state Current:** Max. 6 mA/point @ 28.8 VDC
- Input Impedance:** Typ. 5.1K ohms
- Filtering Time:** Typ. 1.5 ms
- Common Type:** 16 channels for 2 COMs
- Power Consumption:** Max. 40 mA @ 5 VDC



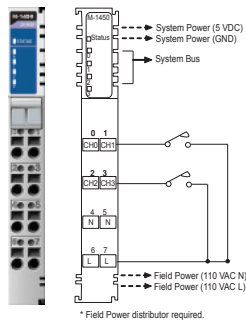


M-1601: 16 digital inputs, source, 24 VDC

- Inputs per Module:** 16 channels, source type
- On-state Voltage:** 24 VDC nominal, min. 11 VDC to max. 28.8 VDC
- Min. Off-state Voltage:** Max. 5 VDC
- On-state Current:** Max. 6 mA/point @ 28.8 VDC
- Input Impedance:** Typ. 5.1K ohms
- Filtering Time:** Typ. 1.5 ms
- Common Type:** 16 channels for 2 COMs
- Power Consumption:** Max. 40 mA @ 5 VDC

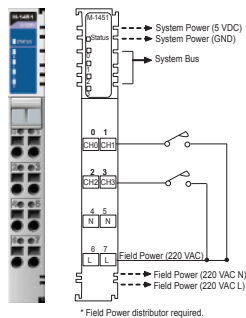


4-channel AC digital input modules



M-1450: 4 digital inputs, 110 VAC

- Inputs per Module:** 4 channels
- On-state Voltage:** 120 VAC nominal, min. 85 VAC to max. 132 VAC
- Min. Off-state Voltage:** Max. 45 VAC
- On-state Current:** Max. 8 mA/point @ 132 VAC
- Input Impedance:** Typ. 11K ohms
- Common Type:** 4 channels for 2 COMs (single common)
- Power Consumption:** Max. 35 mA @ 5 VDC



M-1451: 4 digital inputs, 220 VAC

- Inputs per Module:** 4 channels
- On-state Voltage:** 240 VAC nominal, min. 170 VAC to max. 264 VAC
- Min. Off-state Voltage:** Max. 45 VAC
- On-state Current:** Max. 12 mA/point @ 264 VAC
- Input Impedance:** Typ. 22K ohms
- Common Type:** 4 channels for 2 COMs (single common)
- Power Consumption:** Max. 35 mA @ 5 VDC



Ordering Information

		DC-Digital Input Modules				AC-Digital Input Modules	
Specs	Model	M-1800	M-1801	M-1600	M-1601	M-1450	M-1451
	Channels	8	8	16	16	4	4
	Sink/Source	Sink	Source	Sink	Source	---	---
	Connector	RTB	RTB	20-pin	20-pin	RTB	RTB
	Voltage	24 VDC	24 VDC	24 VDC	24 VDC	110 VAC	220 VAC
	Isolation	Optical Isolation					