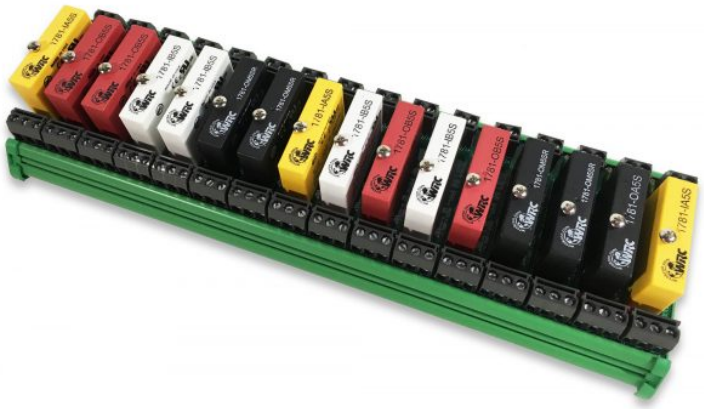
1781-A16A



Product Categories: Discrete IO Boards

Product Attributes

- Slim I/O: 16
- Classic I/O: -
- WRC4 I/O: -
- Quad I/O: -
- Logic Connector: Edge
- Wire Gauge: 14-22

Power Side Signal Side

	Power Side		Signal Side			Power Side		Signal Side	
Bit	Pos.	Neg.	Signal	DC Return	Bit	Pos.	Neg.	Signal	DC Return
Bit 0	1	2	2	1	Bit 8	17	18	18	17
Bit 1	3	4	4	3	Bit 9	19	20	20	19
Bit 2	5	6	6	5	Bit 10	21	22	22	21
Bit 3	7	8	8	7	Bit 11	23	24	24	23
Bit 4	9	10	10	9	Bit 12	25	26	26	25
Bit 5	11	12	12	11	Bit 13	27	28	28	27
Bit 6	13	14	14	13	Bit 14	29	30	30	29
Bit 7	15	16	16	15	Bit 15	31	32	32	31

Notes

Logic Supply +Vcc (+5, +15 Or +24 V Dc) And Dc Return Is Supplied Throughthe 2 Terminal Logic Supply Connector, Marked With + Or -

Logic Supply Dc Return Is Connected To All Even Pins Of The 50 Pin Edge Card Connector

Signal Pin Is Pulled Up To +Vcc When Not Asserted, Down To Dc Return When Asserted.

Power-Side Terminals Are Polarized For Dc Applications, And Non-Polarized For Ac Applications.

The Backplane Is Shipped With A Jumper Configuration To Supply The Logic Voltage Through Pins 1 And 49 Of The Edge Connector. If Logic Voltage Is Not Desired On These Pins The J Suffix.

Logic-Side Connector Pin Numbers Are For 50 Pin Connector.

General Info

The 1771-JMB mounting board can be used with 16, 1781-series slim, miniature or standard size modules. The terminal block accepts ring or spade lugs, and insulated wire with stripped ends. Each power side point is individually isolated from each other. The signal side has a common logic supply bus (+Vcc and dc return) shared with each of the modules. The 1771-JMB has an edge connector. The 1771-JMBH has both an edge and a header connector. Both models have a jumper connecting power from the ribbon cable. Specify 1781-CxEx Cable. Assembly for 1771-JMB or JMBJ; or 1781-CxHx Cable Assembly for 1771-JMBH or 1771-JMBHJ. 1771-JMBxx is not available for mounting on DIN-rails.

Mounting Dimensions

Mounting Dimensions:

Bit	Pos.	Neg.	Bit	Pos.	Neg.
Bit 0	1	2	Bit 8	17	18
Bit 1	3	4	Bit 9	19	20
Bit 2	5	6	Bit 10	21	22
Bit 3	7	8	Bit 11	23	24
Bit 4	9	10	Bit 12	25	26
Bit 5	11	12	Bit 13	27	28
Bit 6	13	14	Bit 14	29	30
Bit 7	15	16	Bit 15	31	32

Schematic Diagram

Schematic Diagram: