

for up to 24 1781 slim I/O modules

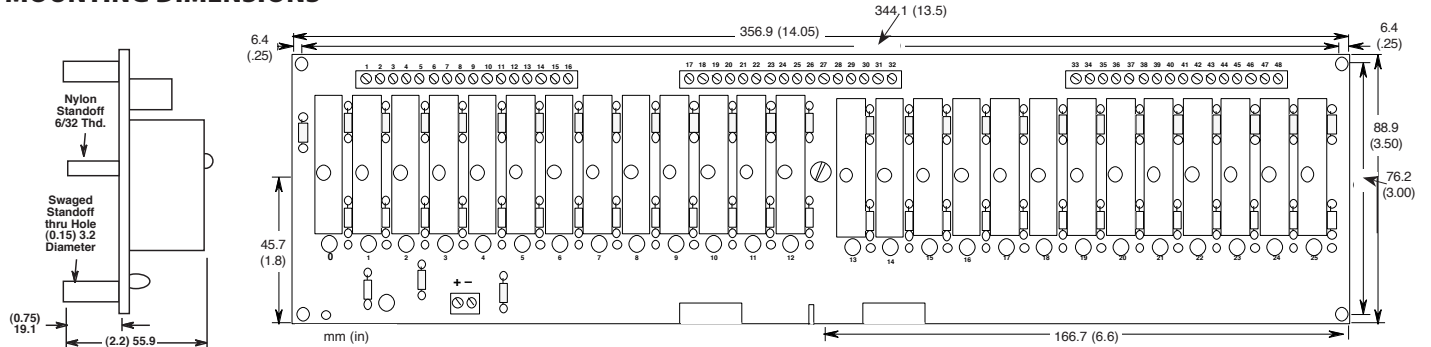
The 1781-A24A mounting board can be used with up to 24 1781-series slim modules. The terminal block accepts insulated wire with stripped ends or ferrules. Each power side point is individually isolated from each other. The signal side has a common logic supply bus (+Vcc and dc return) shared with each of the modules. Specify 1781-CxEx Cable Assembly. Specify 1782-A24A for mounting on DIN rails, such as WRC50022.

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	Pos.	Neg.	Signal	DC Return
Bit 0	1	2	47	48	Bit 8	17	18	31	32	Bit 16	33	34	15	16
Bit 1	3	4	45	46	Bit 9	19	20	29	30	Bit 17	35	36	13	14
Bit 2	5	6	43	44	Bit 10	21	22	27	28	Bit 18	37	38	11	12
Bit 3	7	8	41	42	Bit 11	23	24	25	26	Bit 19	39	40	9	10
Bit 4	9	10	39	40	Bit 12	25	26	23	24	Bit 20	41	42	7	8
Bit 5	11	12	37	38	Bit 13	27	28	21	22	Bit 21	43	44	5	6
Bit 6	13	14	35	36	Bit 14	29	30	19	20	Bit 22	45	46	3	4
Bit 7	15	16	33	34	Bit 15	31	32	17	18	Bit 23	47	48	1	2

NOTES:

- Logic supply +Vcc (+5, +15 or +24 V dc) and dc return is supplied through the 2 terminal logic supply connector, marked with + or -.
- Logic supply dc return is connected to all odd pins on the signal side.
- 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 pin 49 of the edge connector.

MOUNTING DIMENSIONS



SCHEMATIC DIAGRAM

