



WRC Discrete I/O Mounting Boards

for up to 16 WRC4 or 1781 slim I/O modules

WRC4-A16T & 1781-A16T

The WRC4-A16T and 1781-A16T mounting boards can be used with up to 16 WRC4 series and 1781 series slim modules, respectively. The terminal block accepts only 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. Specify WRC4-A16T-DIN and 1781-A16T for mounting on DIN rails, such as WRC50022.

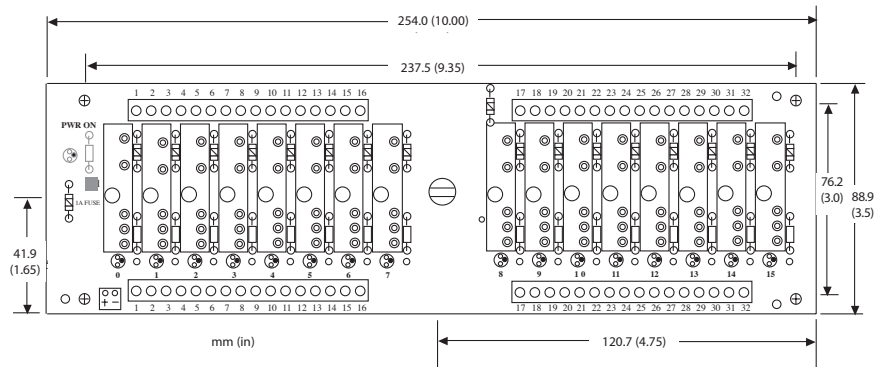
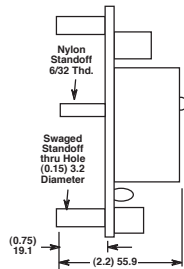
Power Side				Signal Side				Power Side				Signal Side					
Bit	Pos.	Neg.		Signal	DC Return	Bit	Pos.	Neg.		Signal	DC Return	Bit	Pos.	Neg.		Signal	DC Return
Bit 0	1	2		2	1	Bit 8	17	18		18	17	Bit 16	31	32		32	31
Bit 1	3	4		4	3	Bit 9	19	20		20	19	Bit 17	33	34		34	33
Bit 2	5	6		6	5	Bit 10	21	22		22	21	Bit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

NOTES:

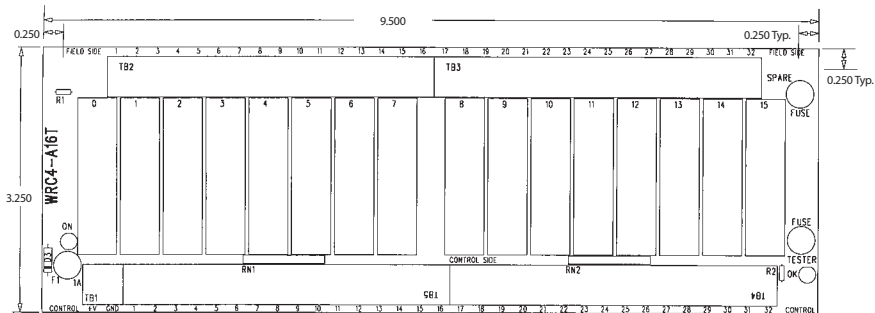
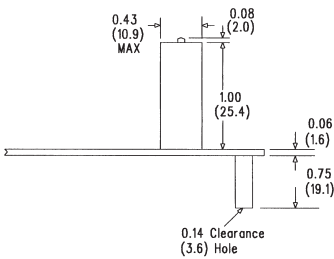
- Logic supply +Vcc (+5 or +24 V dc) and dc return is supplied through the 2 terminal logic supply connector, marked with + or -.
- Logic supply dc return is connected to all odd terminals on the signal side.
- Signal terminal is pulled up to +Vcc when not asserted, down to dc return when asserted.
- Power-side terminals are polarized for dc applications, and non-polarized for ac applications.

MOUNTING DIMENSIONS

1781-A16T

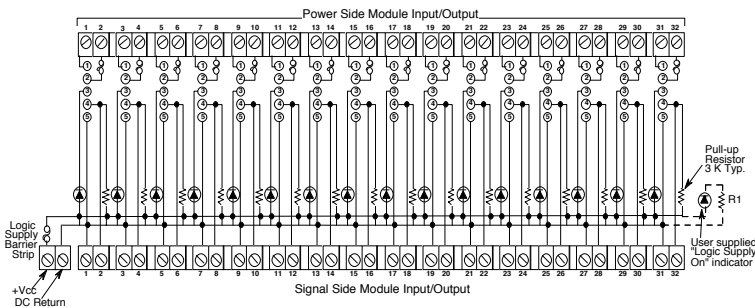


WRC4-A16T



SCHEMATIC DIAGRAM

1781-A16T



WRC4-A16T

