

## CR351/2/4 Card Reader Controller Terminal Allocation

TERM NO	FUNCTION	TERM NO	FUNCTION
1.	+5V (FROM REGULATOR)	23.	AUX INPUT 1
2.	GROUND	24.	AUX INPUT 2
3.	+12V (TO REGULATOR)	25.	GROUND
4.	12V AC (USER SUPPLY)	26.	AUX INPUT 3
5.	12V AC (USER SUPPLY)	27.	AUX INPUT 4
6.	12V AC (PCB SUPPLY)	28.	GROUND
7.	12V AC (PCB SUPPLY)	29.	BOOTH PRESENCE
8.	GROUND	30.	BUZZER GROUND
9.	RTS-RS232	31.	BUZZER +12V
10.	GROUND	32.	GROUND
11.	DATA – RS485	33.	AUX OUT NORMALLY CLOSED
12.	DATA NOT – RS485 (LAN)	34.	AUX OUT COMMON
13.	RX DATA – RS232	35.	AUX OUT NORMALLY OPEN
14.	TX DATA – RS232	36.	LATCH 2
15.	RTS	37.	LATCH 2
16.	RTS NOT	38.	LATCH 1
17.	PUSH-BUTTON 1	39.	LATCH 1
18.	ACTION COMPLETE 1	40.	12V AC FOR USER (2A MAX)
19.	GROUND	41.	12V AC FOR USER
20.	PUSH-BUTTON 2	42.	12V DC FOR USER (2A MAX)
21.	ACTION COMPLETE 2	43.	GROUND
22.	GROUND	44.	GROUND

PIN NO.	READER1 (P7) READER2 (P8)	PIN NO.	PINPAD 1 (LCD1) AND (LCD2)
1.	+ 5V OR +12V DC (LINK E2/E3)	12.	12V (1) + LED anode
2.	DATA/LOW DATA '0'	13.	COL 1 (2) + LED cathode
3.	CLOCK/HIGH DATA '1'	14.	COL 2 (3) + LED cathode
4.	GROUND	15.	COL 3 (4)
5.	GREEN LED – pass	17.	ROW 1 (5)
6.	YELLOW LED – ready	18.	ROW 2 (6)
7.	RED LED - fail	19.	ROW 3 (7)
		20.	ROW 4 (8)

I/W/M READERS	LINK	TOUCH READERS	FOR 5V READERS	LINK	FOR 12V READERS
2-3	E1 (Rdr 1)	1-2	1-2	E2 (Rdr 1)	2-3
2-3	E4 (Rdr 2)	1-2	1-2	E3 (Rdr 2)	2-3
2-3	E5 (Rdr 1)	1-2	RS232	LINK	RS485
2-3	E7 (Rdr 2)	1-2	1-2	E6	2-3

### WARNING

- 1) INCORRECT CONNECTION MAY RESULT IN DAMAGE TO THE SYSTEM.
- 2) REMOVAL OF THE COVERPLATE BELOW WILL EXPOSE MAINS VOLTAGES.



ACCESS CONTROL SYSTEM UNIT