

Valcom Class-Connection Intercom

Designation	Wire Color	66M150 PunchDown Block
Office Phone 1 (Tip)	w/bl	26
Office Phone 1 (Ring)	bl/w	1
Office Phone 2 (Tip)	w/or	27
Office Phone 2 (Ring)	or/w	2
Office Phone 3* (Tip)	w/gn	28
Office Phone 3* (Ring)	gn/w	3
Office Phone 4* (Tip)	w/br	29
Office Phone 4* (Ring)	br/w	4
No Connection	w/sl	30
No Connection	sl/w	5
Auxiliary Input 1	r/bl	31
Auxiliary Input 1	bl/r	6
Auxiliary Input 2	r/or	32
Auxiliary Input 2	or/r	7
Auxiliary Input 3	r/gn	33
Auxiliary Input 3	gn/r	8
Lo Z Microphone	r/br	34
Lo Z Microphone	br/r	9
Microphone Shield	r/sl	35
No Connection	sl/r	10
Switch 1 Input	bk/bl	36
Switch 1 Input	bl/bk	11
Switch 2 Input	bk/or	37
Switch 2 Input	or/bk	12
Switch 3 Input	bk/gn	38
Switch 3 Input	gn/bk	13
Switch 4 Input	bk/br	39
Switch 4 Input	br/bk	14
Switch 5 Input	bk/sl	40
Switch 5 Input	sl/bk	15
Switch 6 Input	y/bl	41
Switch 6 Input	bl/y	16
No Connection	y/or	42
No Connection	or/y	17
Relay 1	y/gn	43
Relay 1	gn/y	18
Relay 2	y/br	44
Relay 2	br/y	19
Relay 3	y/sl	45
Relay 3	sl/y	20
Relay 4	v/bl	46
Relay 4	bl/v	21
Relay 5	v/or	47
Relay 5	or/v	22
Relay 6	v/gn	48
Relay 6	gn/v	23
Relay 7	v/br	49
Relay 7	br/v	24
Relay 8	v/sl	50
Relay 8	sl/v	25

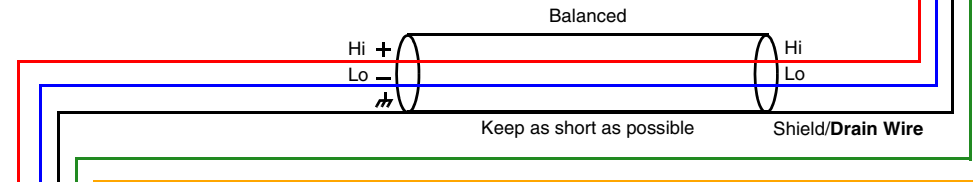
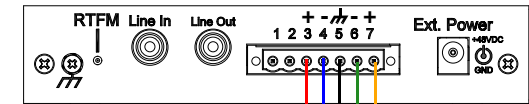
Normally Open Relays



Caution

Equipment Hazard: All equipment should be powered down prior to making wiring connections and changing switch positions.

Singlewire Paging Adapter Connections



Page Port Output Connections

Pin	Description
1	Fault Sense Input (Common).
2	Fault Sense Input (Sense).
3	Positive 600-Ohm Audio Output ^a
4	Negative 600-Ohm Audio Output ^a
5	Audio Ground Reference.
6	Relay Contact - Common ^b
7	Relay Contact - Normally Open ^b

a. The 600-Ohm audio output of the page port is also suited for interfaces with lower input impedances.

b. 1 Amp at 30 VDC for continuous loads.

Notes

1. On the **Device** page of the Singlewire Paging Adapter, select **Enable Relay on local audio**.
 2. On the ClassConnection Programming, Program **Switch 1 Input** (bk/bl, bl/bk) to open/enable **Lo Z Mic** audio Channel on switch 1 contact closure.
 3. Manual for Class-Connection can be found here:
<http://www.class-connection.com/vsp/ClassConnectionESInstallationManual.pdf>
- 2 conductor, shielded speaker wire is recommended.