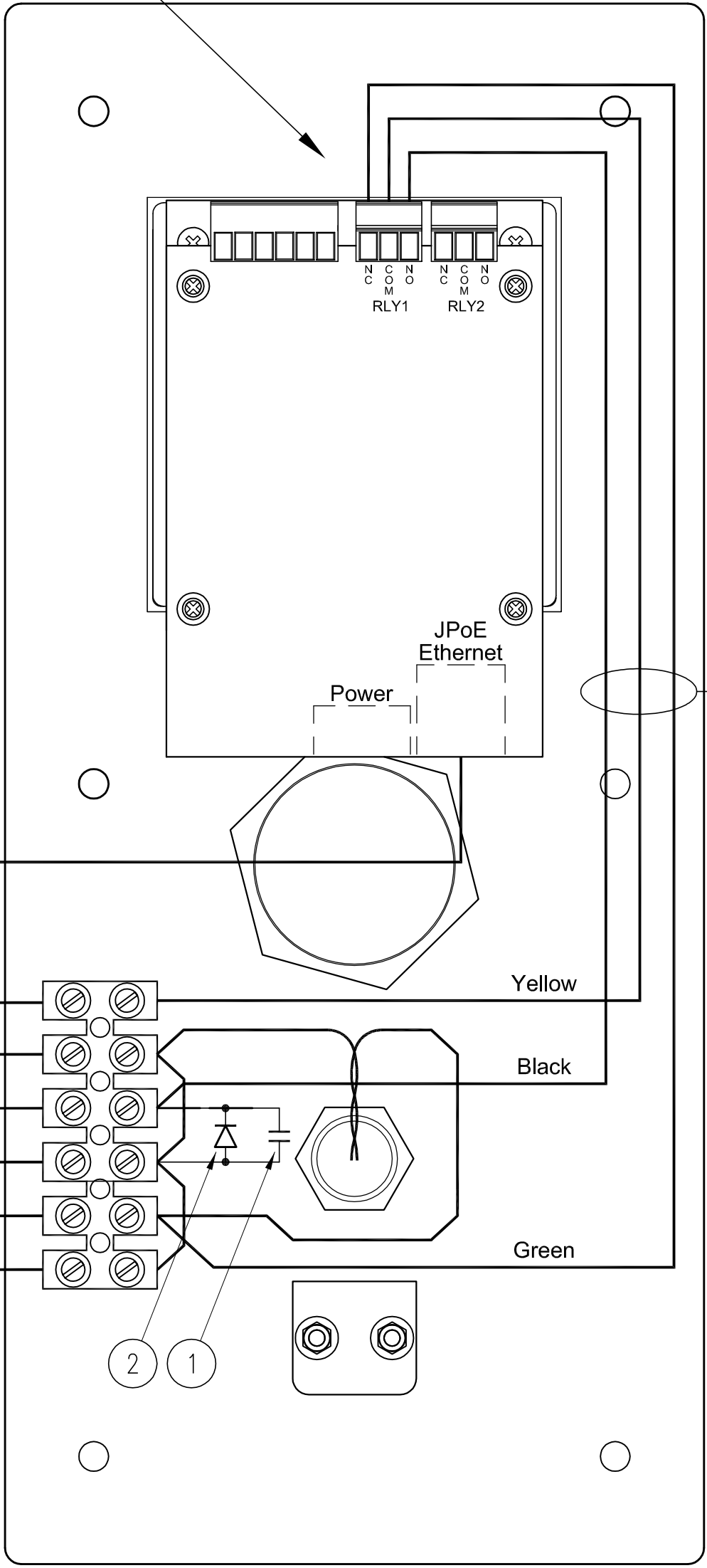
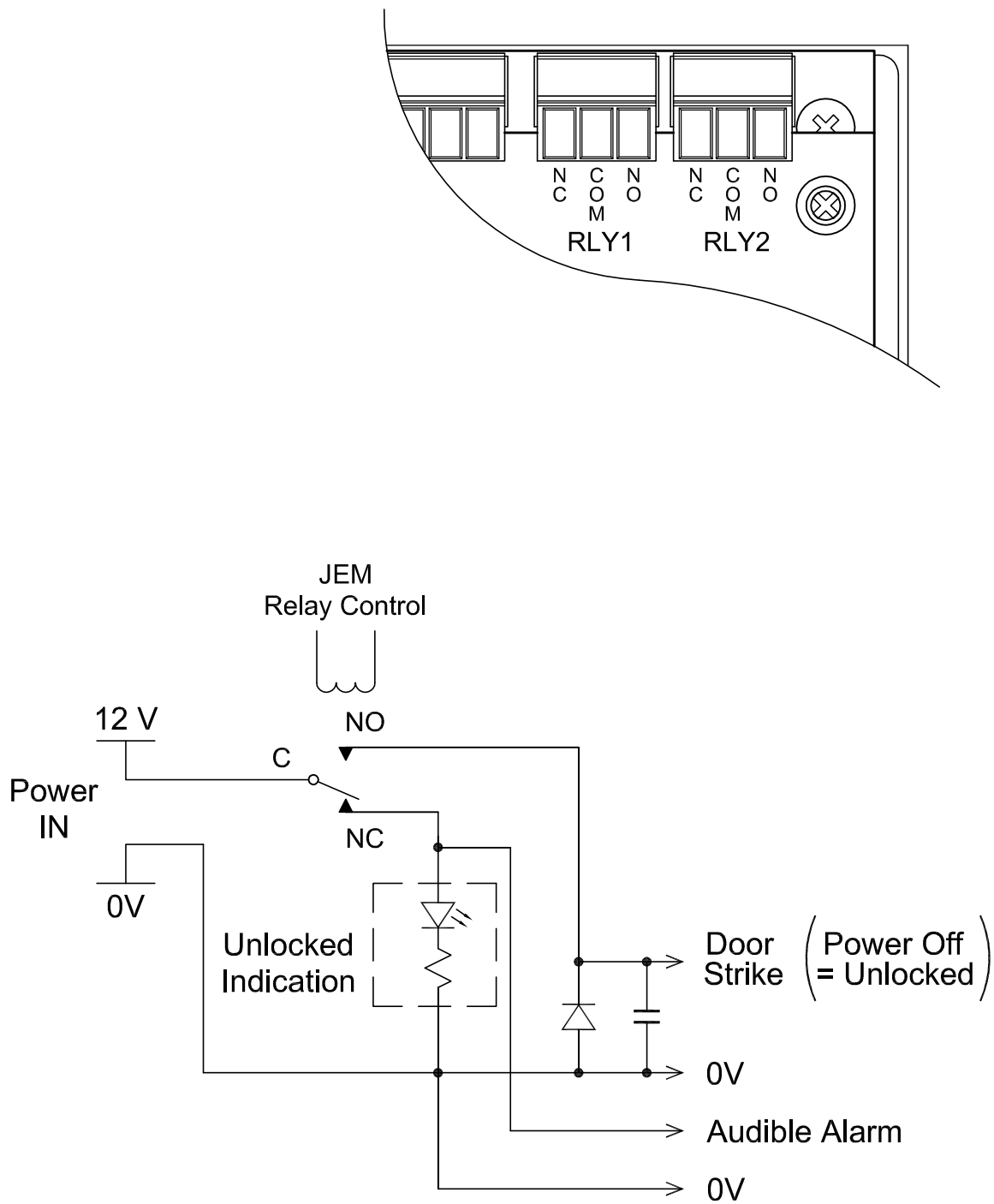


DO NOT SCALE

IF IN DOUBT - ASK!



Jem-2 Relay 1 Configuration

- To be active in idle state.
- Inactive to release door. via door strike coil.
- Inactive in offline state.

If power to JEM fails, the relay must be in a state that disallows power to the door strike.

3 Wires twisted along this edge of PCB

JPoE from Patch Panel
(Ethernet and 24 V d.c. power)

Door Strike & Alarm Power Input

- +12 V d.c.
- 0 V d.c.

Door Strike Drive Output

- +12 V d.c.
- 0 V d.c.

Unlocked Audible Alarm Output


- +12 V d.c.
- 0 V d.c.

Back EMF clamping diode and suppression capacitor in parallel with door strike coil connection. Installed at the terminal block

Door strike configured for energised = locked i.e. released on power fail

Cable Types
Ethernet Cat5e/6 (multi-strand conductors)
Door strike and power 0.75 mm ² conductors minimum

Item No	Jacques P/N	Description	Qty
1	C5030	CAP DISC 10nF 1kV 5mm pitch	1
2	S0048	DIODE 1N4007 1000V 1A	1

REV	DATE	CHANGE DESCRIPTION	BY	 <div>(C) Copyright Jacques Technologies Pty Ltd. All rights reserved. 268 Montague Rd., West End, 4101, Australia Ph: +61 7 3846 8400 Fax: +61 7 3844 1078 www.jacques.com.au info@jacques.com.au</div>																								
0	2016-12-07	FIRST RELEASE	LFB																									
1	2017-05-31	CIRCUIT DIAGRAM ADDED AND NOTES ADDED. SHEET SIZE CHANGED FROM A3 TO A2.	LFB																									
				<div>VSL-341W/C1 DDA Toilet Intercom Wiring Diagram</div> <table><tr><td>DRAWN:</td><td>DATE:</td><td>ADAPTED FROM:</td><td>FILENAME:</td></tr><tr><td>LFB</td><td>2016-12-07</td><td>N/A</td><td>51920-WIR.dwg</td></tr><tr><td>CHECKED:</td><td>DATE:</td><td>SCALE:</td><td>SHEET:</td></tr><tr><td></td><td></td><td>N.T.S.</td><td>1 of 1</td></tr><tr><td>APPROVED:</td><td>DATE:</td><td>DWG NO:</td><td>REV:</td></tr><tr><td></td><td></td><td>51920-WIR</td><td>1</td></tr></table>	DRAWN:	DATE:	ADAPTED FROM:	FILENAME:	LFB	2016-12-07	N/A	51920-WIR.dwg	CHECKED:	DATE:	SCALE:	SHEET:			N.T.S.	1 of 1	APPROVED:	DATE:	DWG NO:	REV:			51920-WIR	1
DRAWN:	DATE:	ADAPTED FROM:	FILENAME:																									
LFB	2016-12-07	N/A	51920-WIR.dwg																									
CHECKED:	DATE:	SCALE:	SHEET:																									
		N.T.S.	1 of 1																									
APPROVED:	DATE:	DWG NO:	REV:																									
		51920-WIR	1																									