IPCindia G+7 V3F Control WIRING DETAILS

WAGO CONNECTOR 1 MAIN SAFETY CONNECTOR

CONN NO	DETAIL	VOLTAGE DETAILS	CONNECTION DETAILS
1	J6/6	110 V AC OUT	LIMIT 1
2		110 V AC RTN	LIMIT 2
3		110 V AC OUT	OSG1
4	J6/7	110 V AC RTN	OSG2
5	FREE	NO CONNECTION	
6	J6/1	MAIN 150V+VE	CG1
7	J6/3	CG RTN	CG2
8	FREE	NO CONNECTION	
9	J6/3	LANDING MAIN	LANDING 1
10	J6/2	LANDING RTN	LANDING 2
11	FREE	NO CONNECTION	
12	J6/1	MAIN 150V+VE	UP TER COMMON
13	J6/4	UP FAST CUT LIMIT	UP TERMINAL RTN
14	J6/8	UP SLOW CUT LIMIT	UP LEVEL LIMIT RETURN
15	J6/1	MAIN 150V+VE	DN TERMINAL COMMON
16	J6/5	DN FAST CUT LIMIT	DN TERMINAL RTN
17	J6/9	DN SLOW CUT LIMIT	DN LEVEL LIMIT RETURN

6 INCHES ABOVE AND BELOW TOP AND GROUND FLOOR LEVEL
DO NOT MIX WITH SAFETY DC

TO BE FITTED

3 FEET BEFORE
TOP FLOOR LEVELLING

2 INCHES ABOVE TOP FLOOR
LEVELLING TO BE FITTED
3 FEET BEFORE GROUND FLOOR
LEVELLING

2 INCHES BELOW GROUND FLOOR
LEVELLING

CONNECTOR 1 & 2 – FINAL LIMIT

CONNECTOR 3 & 4 – SPEED GOVERNER

CONNECTOR 5 - FREE CONNECTOR

CONNECTOR 6 & 7 – CAR GATE SAFETY

CONNECTOR 8 - FREE CONNECTOR

CONNECTOR 9 & 10 - LANDING SAFETY

CONNECTOR 11 - FREE CONNECTOR

CONNECTOR 12 & 13 – UP TERMINAL LIMIT (UP FAST CUT)

CONNECTOR 12 & 14 – UP LEVEL LIMIT (UP SLOW CUT)

CONNECTOR 15 & 16 – DN TERMINAL LIMIT (DN FAST CUT)

CONNECTOR 15 & 17 – DN LEVEL LIMIT (DN SLOW CUT)

WAGO CONNECTOR 2 LOW VOLTAGE CONNECTOR

CONN NO	DETAIL	VOLTAGE DETAILS	CONNECTION DETAILS
18	UP CALL PB COMMON	SCANING LO 12 V DC	LOOPED FOR UP CALL PB
19	DOWN CALL PB COMMON	SCANING LO 12 V DC	LOOPED FOR DN CALL PB
20	CAR CALL PB COMMON	SCANING LO 12 V DC	LOOPED FOR CAR CALL PB
21	UP CALL INDICATOR COM.	SCANING HI 12 V DC	LOOPED FOR UP CALL IND
22	DN CALL INDICATOR COM.	SCANING HI 12 V DC	LOOPED FOR DN CALL IND
23	CAR CALL INDICATOR COM.	SCANING HI 12 V DC	LOOPED FOR CAR CALL IND
24	NO CONNECTION	0 V	FREE CONNECTOR
25	DOOR OPEN OUTPUT	POTENTIAL FREE NO	NO CONTACT DOOR RELAY
26	DOOR COMMON OUTPUT	POTENTIAL FREE POLE	POLE OF DOOR RELAY
27	DOOR CLOSE OUTPUT	POTENTIAL FREE NC	NC CONTACT DOOR RELAY

G+7 FULL COLLECTIVE V3F POWER DOOR CONTROL IPC CONNECTOR DETAILS REVISED FROM 01/01/2014			**IPC**
Connector Number	Name	Details	WIRE FERRULES NUMBER
1	CP COMMON	USED NO CONNECTION	
2	LP COMMON	USED NO CONNECTION	
3	CPG	Car push Button ground Floor	
4	LPG	Landing Push Button Ground Floor	
5	CP1	Car push Button 1st Floor	
6	LP1	Landing Push Button 1st Floor	
7	CP2	Car push Button 2nd Floor	
8	LP2	Landing Push Button 2nd Floor	
9	CP3	Car push Button 3rd Floor	
10	LP3	Landing Push Button 3rd Floor	
11	CP4	Car push Button 4th Floor	
12	LP4	Landing Push Button 4th Floor	
13	CP5	Car push Button 5th Floor	
14	LP5	Landing Push Button 5th Floor	
15	CP6	Car push Button 6th Floor	
16	LP6	Landing Push Button 6th Floor	
17	CP7	Car push Button 7th Floor	
18	LP7	Landing Push Button 7th Floor	
19	LPI COMMON	NO CONNECTION	
20	CPI COMMON	NO CONNECTION	
21	CPIG	Car Push Button Indicator ground Floor	
22	LPIG	Landing Push Button Indicator Ground Floor	
23	CPI1	Car Push Button Indicator 1st Floor	
24	LPI1	Landing Push Button Indicator 1st Floor	
25	CPI2	Car Push Button Indicator 2nd Floor	
26	LPI2	Landing Push Button Indicator 2nd Floor	
27	CPI3	Car Push Button Indicator 3rd Floor	
28	LPI3	Landing Push Button Indicator 3rd Floor	
29	CPI4	Car Push Button Indicator 4th Floor	
30	LPI4	Landing Push Button Indicator 4th Floor	
31	CPI5	Car Push Button Indicator 5th Floor	
32	LPI5	Landing Push Button Indicator 5th Floor	
33	CPI6	Car Push Button Indicator 6th Floor	
34	LPI6	Landing Push Button Indicator 6th Floor	
35	CPI7	Car Push Button Indicator 7th Floor	
36	LPI7	Landing Push Button Indicator 7th Floor	
37	CONTROL COMMON	12 Volt -VE / 12 Volt GND	
38	STOP	STOP / DOOR OPEN INPUT - NO CONTACT	
39	AUTO/ ATTENDANT	NOT USED NO CONNECTION	
40	NON STOP	DOOR CLOSE INPUT	
41	REED IN	FLOOR Fast Cut REED Common Wire Input	
42	LEVEL REED	Level Reed Input Slow Cut	
43	DIGITAL COMMON	Positive + 12 Volt For Digital Indicator	

Connector Number	Name	Details	WIRE FERRULES NUMBER
44	UP ARROW	LIFT going Up Arrow	
45	DN ARROW	LIFT going Down Arrow	
46	A SEG	a Segment Digital Output	
47	B SEG	b Segment Digital Output	
48	C SEG	c Segment Digital Output	
49	D SEG	d Segment Digital Output	
50	E SEG	e Segment Digital Output	
51	F SEG	f Segment Digital Output	
52	G SEG	g Segment Digital Output	
53	B'C' SEG	b'c' for G+15 Segment Digital Output	
54	DOOR OPEN	NOT USED NO CONNECTION	
55	DOOR CLOSE	NOT USED NO CONNECTION	
56	LP COMMON 8 TO 15	NOT USED NO CONNECTION	
57	CP COMMON 8 TO 15	NOT USED NO CONNECTION	
58	LPI COMMON 8 TO 15	NOT USED NO CONNECTION	
59	CPI COMMON 8 TO 15	NOT USED NO CONNECTION	
60	MNT COMMON	Maintenance Common Out +12Volt Main	
61	MNT IN	Maintenance Input	
62	MNT UP	Maintenance UP Input	
63	MNT DN	Maintenance Down Input	
63U	UP REED COMMON	Up Fast Cut Reed Common GND Out	
64	DN REED COMMON	Down Fast Cut Reed Common GND Out	
65	BUZZER -VE	Buzzer -VE wire Out	

DIP SWITCH SETTING				
SW4	SW3	SW2	SW1	FLOOR NUMBER SETTING
ON	ON	ON	OFF	G+1 FLOOR
ON	ON	OFF	ON	G+2 FLOOR
ON	ON	OFF	OFF	G+3 FLOOR
ON	OFF	ON	ON	G+4 FLOOR
ON	OFF	ON	OFF	G+5 FLOOR
ON	OFF	OFF	ON	G+6 FLOOR
ON	OFF	OFF	OFF	G+7 FLOOR

NOTE: ALL SCREWS MUST BE TIGHT FOR PROPER FUNCTION OF CONTROL

POWER CONNECTOR (30 Amp Connector)

Power Connector 1	Power Connector2	Power Connector3
1. R Phase Input	6. M1 To Motor	9. RCAM +ve110V
2. Y Phase Input	7. M2 To Motor	10. RCAM –veGND
3. B Phase Input	8. M3 To Motor	11.Break +ve 110V
4. Neutral - Not Used		12.Break –ve GND
5. Earthling - Main Earthling		