

SWIFT - 5000
PMI INPUT/OUTPUT WIRING

Name: AMTECH-CA | Amtech Reliable Elevator Co. Date: 09/23/93
 Ref. Address: US COURTHOUSE, WASHINGTON, DC
 Job No: 2365 Car No: 1,2,3,4 PMI: 1 of 8
 Drive: D412 | 4 CAR GROUP | Jumpers: J1,J17,J20,J21

Field Wiring

Io	Name	Description	Module Type	Voltage	++ No	Terminal Name	No	Block Name
1	SU1	TOP MOST SLOWDOWN LIM SW	IAC5P	115VAC	2	SU1	1	LC0
2	SD1	BOT MOST SLOWDOWN LIM SW	IAC5P	115VAC	3	SD1	1	LC0
3	SU2	TOP 2ND LIM SW FROM FLOOR	IAC5P	115VAC	4	SU2	5	LC0
4	SD2	BOT 2ND LIM SW FROM FLOOR	IAC5P	115VAC	6	SD2	7	LC0
5					8		9	
6					10		11	
7					12		13	
8	MC	MASTER CONTACTOR	IDC5P	24VDC	14	MC54	15	VC
9	UT	UP TACH (MOTION)	IDC5P	24VDC	16	TB183	17	TB182
10	DT	DOWN TACH (MOTION)	IDC5P	24VDC	18	TB184	19	TB182
11	UR	UP RELAY	IAC5P	115VAC	20	UA2	21	LC0
12	DR	DOWN RELAY	IAC5P	115VAC	22	DA2	23	LC0
13	RUN	BRAKE RELAY (BK)	IDC5P	24VDC	24	BK54	25	VC
14	GL	GATE AND LOCKS	IAC5P	115VAC	26	GLA	27	GLB
15	AU	AUTOMATIC/INSPECTION	IAC5P	115VAC	28	AUA	29	LC0
16	TRIP	SCR FAULT TRIP	IAC5P	115VAC	30	FLT	29	LC0

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Car No: 1,2,3,4

PMI: 2 of 8

Drive: D412 | 4 CAR GROUP | Jumpers: J2,J17,J20,J21

Field Wiring

Io	Name	Description	Module Type	Voltage	++ No	Terminal Block	
						Name	No Name
1	GV	MOTOR ROOM SAFETY CIRCUIT	IAC5P	115VAC	2	GV	1 LCO
2	HS	HOISTWAY SAFETY CIRCUIT	IAC5P	115VAC	3	HS	1 LCO
3	CS	CAR SAFETY CIRCUIT	IAC5P	115VAC	4	CS	5 LCO
4	ICS	IN CAR EMERGENCY STOP SW	IAC5P	115VAC	6	GL8	7 LCO
5	GL1	GATE AND LOCKS (PMI #2)	IAC5P	115VAC	8	GL1-A	9 GL1-B
6	ICA	IN CAR INSP. ACCESS SW	IAC5P	115VAC	10	ICA	11 LCO
7	LRS	LIGHT RAY SWITCH	IAC5P	115VAC	12	LRS	13 LCO
8	DD	DOOR OPERATION DISABLE	IAC5P	115VAC	14	SW-3	15 LCO
9	DOL	DOOR OPEN LIMIT SW	IAC5P	115VAC	16	DOL	17 LCO
10	DCL	DOOR CLOSE LIMIT SW	IAC5P	115VAC	18	DCL	19 LCO
11	DL6	DOOR CLOSE LIMIT SW @ 6in	IAC5P	115VAC	20	DL6	21 LCO
12	IC	INDEPENDENT SERVICE (CAR)	IDC5P	24VDC	22	IC	23 VC
13	ULZ	UP LEVELING ZONE	IDC5P	24VDC	24	ULZ	25 VC
14	DLZ	DOWN LEVELING ZONE	IDC5P	24VDC	26	DLZ	27 VC
15	LZM	LEVELING ZONE MID	IDC5P	24VDC	28	LZM	29 VC
16	LZF	LEVELING ZONE FINAL	IDC5P	24VDC	30	LZF	29 VC

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Car No: 1,2,3,4

PMI: 3 of 8

Drive: D412 | 4 CAR GROUP | Jumpers: J3,J17,J20,J21,J24

Field Wiring

Io	Name	Description	Module Type	Voltage	++ No	Terminal Name	Block No	Block Name
1	DOB	DOOR OPEN BUTTON	IDC5P	24VDC	2	DOB	1	VC
2	SE	SAFETY EDGE	IDC5P	24VDC	3	SE	1	VC
3	LR	LIGHT RAY (PHOTO EYE)	IDC5P	24VDC	4	LR	5	VC
4	DCB	DOOR CLOSE BUTTON	IDC5P	24VDC	6	DCB	7	VC
5	RSB	RESET BUTTON	IDC5P	24VDC	8	RSB	9	VC
6	FC	FIRE CAR PHASE II	IDC5P	24VDC	10	FC	11	VC
7	FR	FIRE RECALL PHASE I	IDC5P	24VDC	12	FR	13	VGC
8	FAL	FIRE RECALL ALTERNATE	IDC5P	24VDC	14	FAL	15	VGC
9	FBP	FIRE BYPASS (STOP SW)	OAC5P	115VAC	16	CS	17	GL5
10					18		19	
11	LVE	LEVELING ENABLE	OAC5P	115VAC	20	DZ	21	DZA
12	BZ	BUZZER (NUDGING + FIRE ..)	OAC5P	115VAC	22	BZ	23	LC0
13	HBZ	HANDICAPPED SERVICE BUZZER	ORLY5P	24VDC	24	HBZ	25	VC
14	SM	START MASTER	OAC5P	115VAC	26	SM1	27	SM
15					28		29	
16					30		29	

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PMI: 4 of 8

Drive: D412 | 4 CAR GROUP | Jumpers: J4,J17,J20,J21,J23,J24

Field Wiring

Io	Name	Description	Module Type	Voltage	++ No	Terminal Name	Block No	Block Name
1	POP	PRESET ODD PARITY	IDC5P	24VDC	2	POP	1	VC
2	R1	BINARY INPUT PRESET (1)	IDC5P	24VDC	3	R1	1	VC
3	R2	BINARY INPUT PRESET (2)	IDC5P	24VDC	4	R2	5	VC
4	R4	BINARY INPUT PRESET (4)	IDC5P	24VDC	6	R4	7	VC
5					8		9	
6					10		11	
7					12		13	
8	BCR	BRAKE COOLING RELAY	OAC5P	115VAC	14	SM1	15	BCRA2
9	UP	UP PILOT	OAC5P	115VAC	16	GL1-9	17	AU5
10	DP	DOWN PILOT	OAC5P	115VAC	18	GL1-9	19	AU6
11	DO	DOOR OPEN RELAY	OAC5P	115VAC	20	DOL	21	DC21
12	DC	DOOR CLOSE RELAY	OAC5P	115VAC	22	LCS	23	DO21
13	NR	NUDGING RELAY	OAC5P	115VAC	24	LCS	25	NRA
14	FSL	FIRE SERVICE IN CAR LIGHT	ODC5P	24VDC	26	FSL	27	VC
15	UDL	UP DIRECTION LIGHT	ODC5P	24VDC	28	UDL	29	VC
16	DDL	DOWN DIRECTION LIGHT	ODC5P	24VDC	30	DDL	29	VC