

TECHNICAL SUPPORT

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JUMPER SETTINGS

1

HIGH/LOW BIAS JUMPERS (DEFAULT "HIGH")

These jumpers adjust the E-BUS impedance. Normally, both jumpers should be set to "high" unless you are employing a set mode as described in the CT-V900-A Installation Manual.

2

EOL JUMPER (DEFAULT ON)

Place the EOL jumper ON if the CA-A480-P Elevator Controller is at the Start Point or at the End Point of the E-bus Network. Otherwise, place the EOL jumper OFF.

3

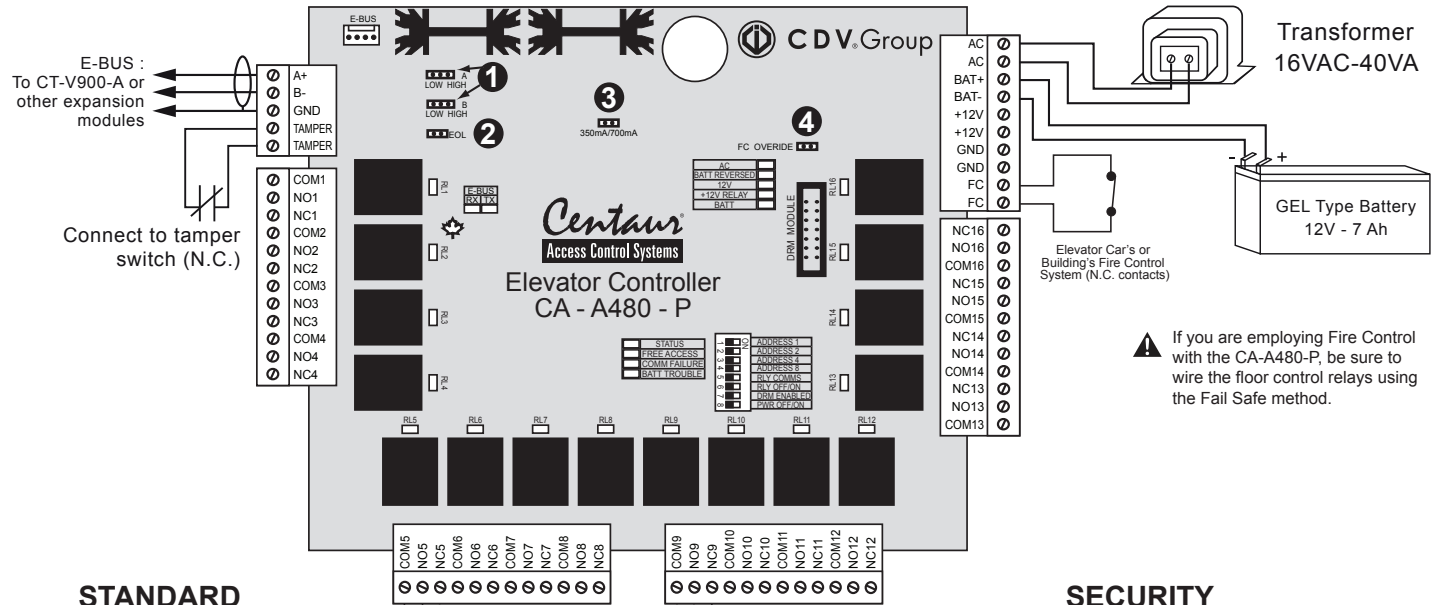
FIRE CONTROL OVERRIDE JUMPER (DEFAULT ON)

When this jumper is "ON", the CA-A480-P will ignore any signals coming to the "FC" terminals.

4

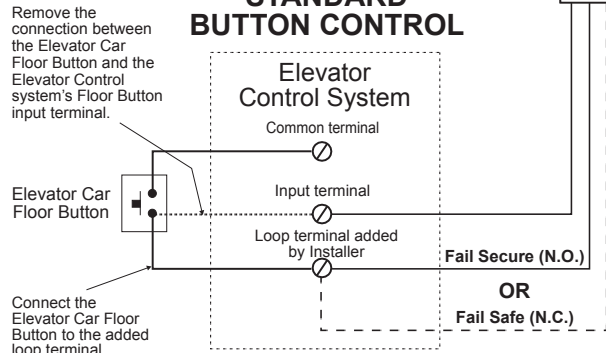
BATTERY CHARGING JUMPER (DEFAULT "350mA")

Charging the battery at 350mA (jumper ON) takes longer, but consumes less power. Charging the battery at 700mA (jumper OFF) takes less time, but consumes more power.



⚠ If you are employing Fire Control with the CA-A480-P, be sure to wire the floor control relays using the Fail Safe method.

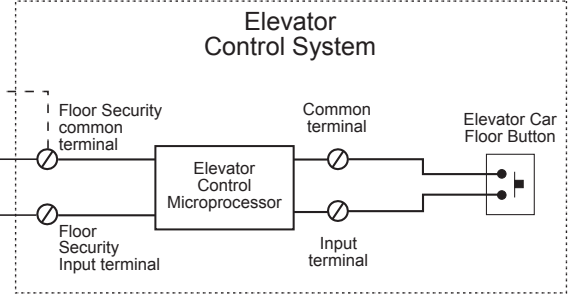
STANDARD BUTTON CONTROL



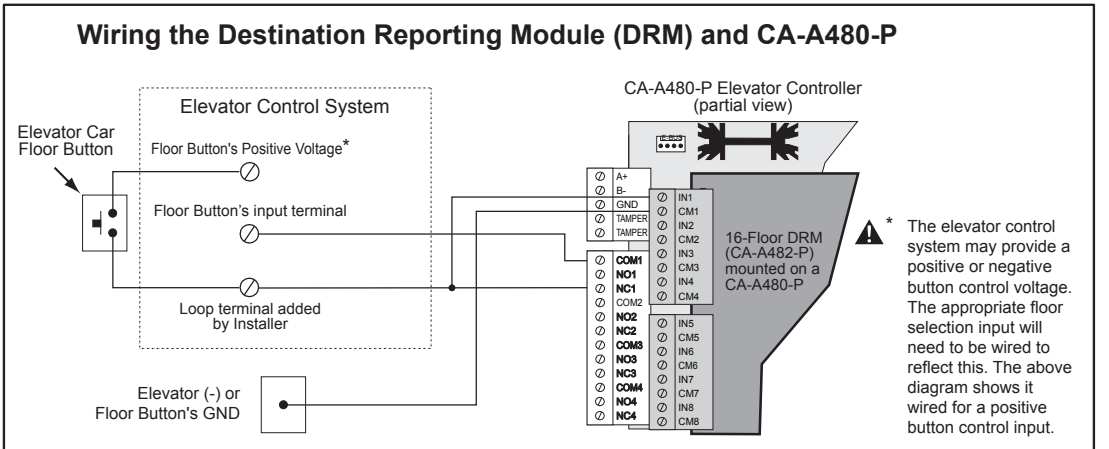
⚠

In order for the Fail Safe method to function correctly, the PWR OFF/ON DIP switch must be in the ON position.

SECURITY ENABLING CONTROL



Wiring the Destination Reporting Module (DRM) and CA-A480-P



⚠* The elevator control system may provide a positive or negative button control voltage. The appropriate floor selection input will need to be wired to reflect this. The above diagram shows it wired for a positive button control input.

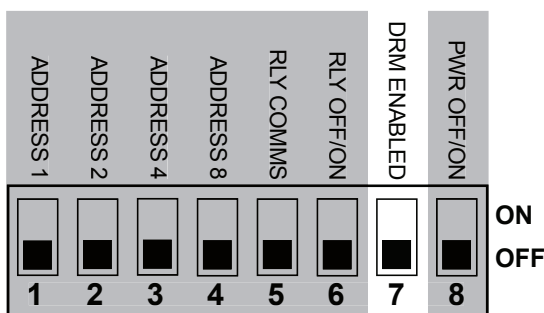
⚠ It is very important that a trained and registered elevator service company connect any wiring associated with any components of the elevator system, this includes the wiring of the CA-A480-P's Fire Control inputs. If connecting the CA-A480-P to the building's fire control system, consult with the building's technicians.

DIP SWITCH SETTINGS

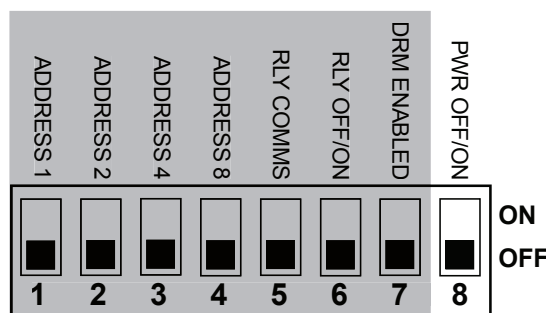
CA-A480-P address	ADDRESS				RLY COMMS		DRM ENABLED	PWR OFF/ON
	1	2	3	4	5	6	7	8
1	OFF	OFF	OFF	OFF	Floors 1 to 16	Elevator Car 1	ON	OFF
2	ON	OFF	OFF	OFF	Floors 17 to 32			
3	OFF	ON	OFF	OFF	Floors 33 to 48			
4	ON	ON	OFF	OFF	Floors 49 to 64			
5	OFF	OFF	ON	OFF	Floors 1 to 16	Elevator Car 2	ON	OFF
6	ON	OFF	ON	OFF	Floors 17 to 32			
7	OFF	ON	ON	OFF	Floors 33 to 48			
8	ON	ON	ON	OFF	Floors 49 to 64			

(Default OFF-OFF-OFF-OFF)

ADDRESS	ADDRESS				RLY COMMS	RLY OFF/ON	DRM ENABLED	PWR OFF/ON
	1	2	3	4	5	6	7	8
CA-A480-P operation during a communication failure, (Default OFF-OFF)					OFF	OFF	CA-A480-P will do nothing.	ON
					ON	OFF	CA-A480-P will deactivate all floor relays that are currently activated.	
					ON	ON	CA-A480-P will activate all floor relays that are currently deactivated.	



Enable the DRM header plug by placing the DRM ENABLED DIP switch in the ON position. (Default OFF)



Putting the PWR OFF/ON DIP switch in the ON position will invert the normal state of the CA-A480-P's elevator control relays. This is important when integrating Fire Control with the CA-A480-P (Default OFF).

SPECIFICATIONS

Number of Floors:	16
Maximum CA-A480-P per controller:	8
Destination Reporting:	Yes (requires a DRM Interface Card for every CA-A480-P)
Individual Schedule	
Per Floor:	Yes
AC Power:	16VAC, 40VA MAX, 50Hz/60Hz
Max. Current (AUX):	500mA
AC Loss Indicator:	Yes
Fire Alarm Inputs:	1 N.C.
Controller Tamper:	1 N.C.
Expansion Bus (E-BUS):	RS-485, Plug and Play
Relay Control:	2A Fuse
Auxiliary Output:	2A Fuse
AC Protection:	3A Fuse
Battery Reversal Protection:	7A Fuse (Indication of Battery Reversal)
Fuse Failure Indication:	All, Event Generated
Battery Capacity:	12VDC, 7Ah
Low Battery @:	10.2VDC
Low Battery Restore @:	12.2VDC
Low Battery Cut-off @:	8.5VDC
Relay Outputs:	16 Relay Outputs: 15A (tested by UL at 10A) @ 16VDC Resistive
Operating Temperature:	0°C to 49°C (32°F to 120°F)