

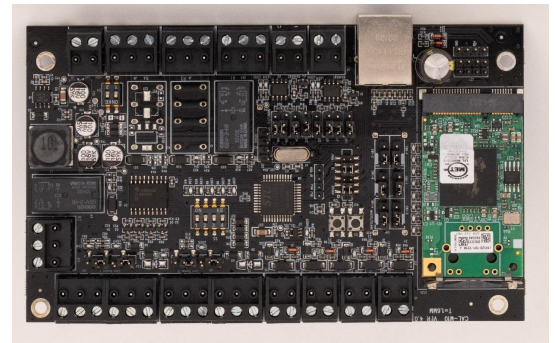
**Lift Car Controller
(DI-X11)**

**Lift Car Zone Selector
(DI-X11-16Z)**

Solutions for a new era of Access Control:

The IP Intelligent Lift Car Controller

(DI-X11) is an intelligent lift access controller designed for elevators. One Relay contact is provided for each floor that the lift serves. Maximum size is up to 112 floors.



DI-X11

CE Certification:

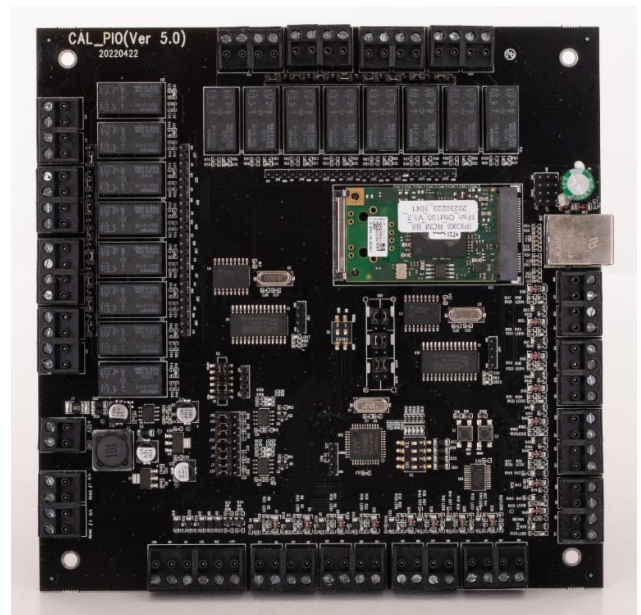
EN-60839-11 EN

50130-4

EN 50131-1

EN 50133-1

EN 55032



DI-X11-16Z

A. DI-X11 Technical Specifications

Specifications	
Power Supply:	12VDC, 250mA Max
Operation Temperature:	0°C to 45°C
Network Support:	TCP/IP 10/100M bps
Setup Configuration:	TCP/IP Connection
PCB Board Size:	148 × 89 × 24 mm
Card Database:	15,000 (Up to 32,000 with Optional Memory)
Offline Transaction Database:	15,000 (Up to 32,000 with Optional Memory)

B. DI-X11-16Z Technical Specifications

Specifications	
Power Supply:	12VDC, 250mA Max
Operation Temperature:	0°C to 45°C
PCB Board Size:	180 × 180 × 25 mm
Interface Relay:	1 SPDT, 3A Rating
Output:	16 Channels
Operation Mode:	Card Only, Card + Pin, Pin Only
Time Zone:	112
Holiday:	30
Adjustable Relay Release Time:	Yes
Schedule Permanent Relay Release:	Yes
Auto Pin Disable Time Zone:	Yes
Auto Floor Time Zone:	Yes
Floor Zone:	Up to 112

C. Reader Connection

Card Reader Pin	Controller Input Pin
GROUND	COM
Data 0	IN0
Data 1	IN1
LED Signal	LED
BUZZER Signal	BUZZER
12V POWER	+12V

Details can be found in the above DI-X11 CONNECTION DIAGRAM.

D. DI-X11 & DI-X11-16Z Features

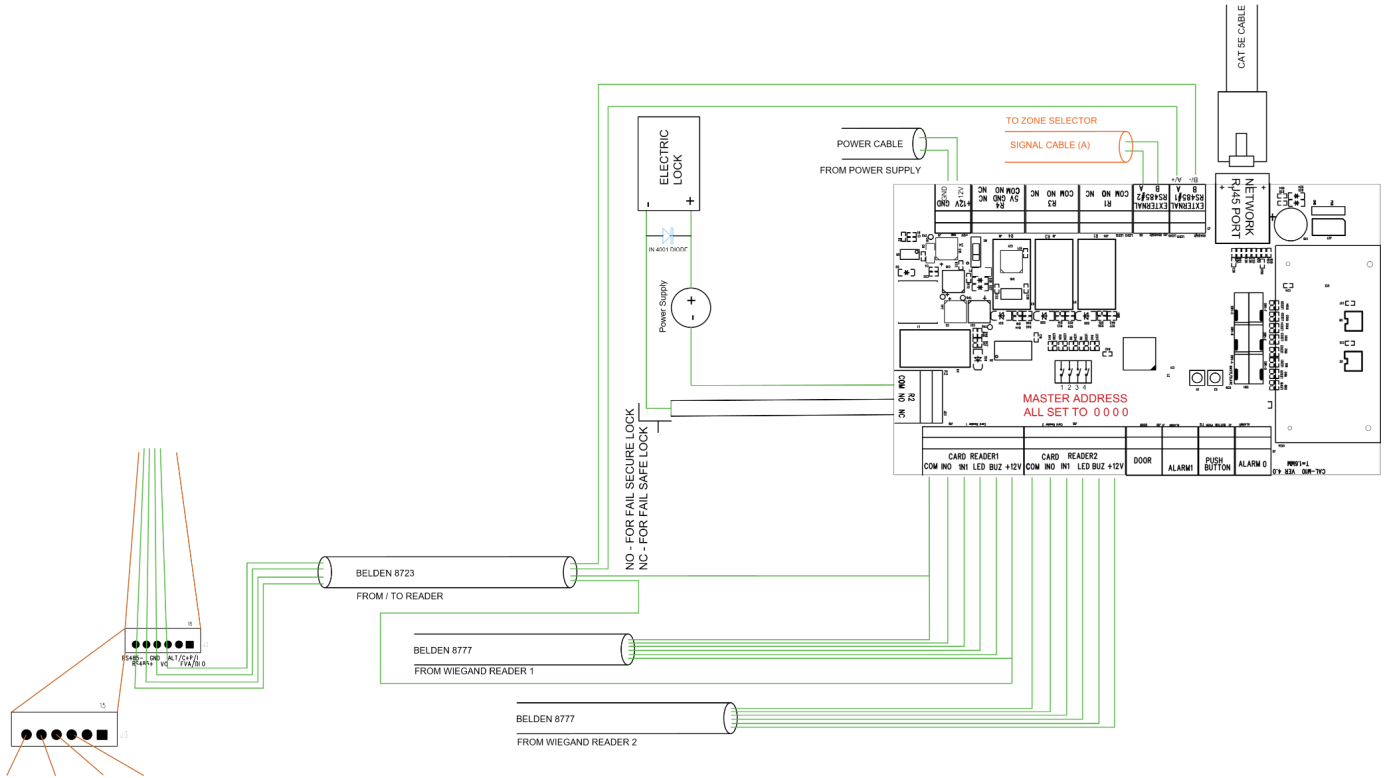
Controller Functionality

- ◆ DI-X11 and DI-X11-16Z may be up to 1.2km with RS485 Connection; each DI-X11-16Z control serves 16 floors and can cascade up to 7 DI-X11-16Z to serve up to 112 floors
- ◆ DI-X11 and Reader may be up to 1.2km with RS485 Connection
- ◆ Communication Interface: TCP/IP, RS485
- ◆ Optional Display and Keypad: 320 x 240 Graphic Backlit LCD Display and 16-Key Keypad
- ◆ Programming can be done either via using the DI-R500M-B (Touch Screen Reader) connected to the controller panel or via a remote PC using TCP/IP Connection.
- ◆ Storage Capacity: Stores Up to 50,000 User-IDs & 50,000 Offline Transactions
- ◆ Caters for Timers and Time Zones, Limiting Access and Users to Different Times of the Day
- ◆ Equipped with a Calendar Clock Chip to give an Accurate Date and Time
- ◆ Real Time Clock

Reader Functionality:

- ◆ Support Data1/Data0, Clock/Data and OSDP-Compatible RS-485 Readers and Keypads
- ◆ Support Single Reader with both RS485 or Wiegand Connections
- ◆ Support Customized Card Format – 24 bits to 64 bits
- ◆ Auto Sync Server Time

F. DI-X11 CONNECTION DIAGRAM



G. DI-X11-16Z CONNECTION DIAGRAM

