EWS/EWSI

2 DOOR ACCESS CONTROL UNIT

Powerful:
- Up to 15,000 users
- Up to 30,000 Events per controller

Upgradeable:
- Unlimited controllers per system
- Firmware update through PROS CS Software

Flexible:
- Programmable (Bitwise) Wiegand Interface (26 to 128 bits)
- Configurable Outputs, Inputs, Door sensors

EWSI



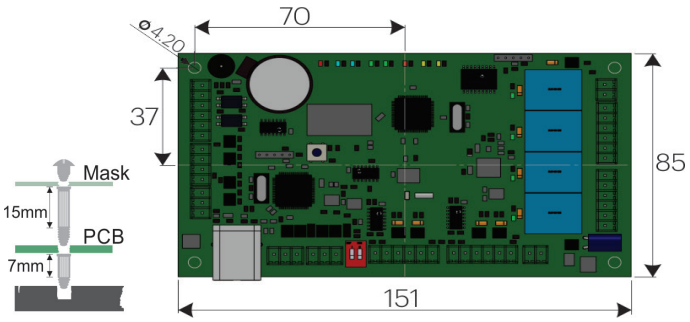
FEATURES

- Controller type: Network
- Communication: RS-485
- Max number of controllers per installation: Unlimited
- Max number of doors per system: Unlimited
- Wiegand interface: Programmable (8 to 128 bit), 32 data bits, 4 parity bits
- User/Event capacity: 1000/30000, 4000/24000, 8000/16000, 12000/8000 or 15000/2500, configurable by software
- Number of time zones: 24
- Number of user groups: Unlimited
- Number of bank holidays: 32
- Internal memory: Yes, with time and date back-up by Lithium CR2032 battery
- Door relays: 2 (250 V AC, 10 A)
- Programmable relays: 2 (2 x 10 A)
- Programmable inputs: 2 (Opto paired)
- Programmable outputs: 2 outcoupled, ON level 5-30 V DC (3-28 mA)
- Readers: 2
- Exit Button Input: 2 (1 per door)
- Door sensors: 2 (1 per door)
- Controller updates: RS-485 bus
- Biometric readers: Biometric readers use the controller's communication buses (RS-485)
- Lift mode: Yes, with RB0408
- Addressing: Every single controller has a unique address (serial number)
- Status LED: 12
- Power supply: 12 V DC
- Programming and system management: Free Windows Software PROS CS
- Communication: EWS v2 -RS-485, EWSi v2 -RS-485 and TCP/IP
- Consumption: EWS v2 - 200mA, EWSi v2 - 250mA (without readers)
- Fuse protection: 1A thermal fuse for total consumption of the controller and readers
- Anti-passback, Timed Anti-passback, Mantrap

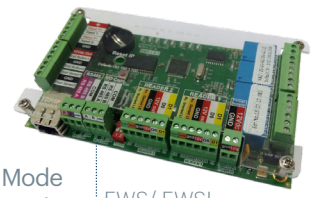
ENVIRONMENT FEATURES

- Operating temperature: 0˚C to 45˚C
- Operating humidity: 0% to 80% (non-condensing)

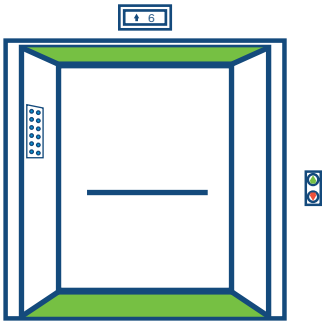
DIMENSIONS



LIFT CONTROL



EWS/ EWSI





RB0408



RB0408

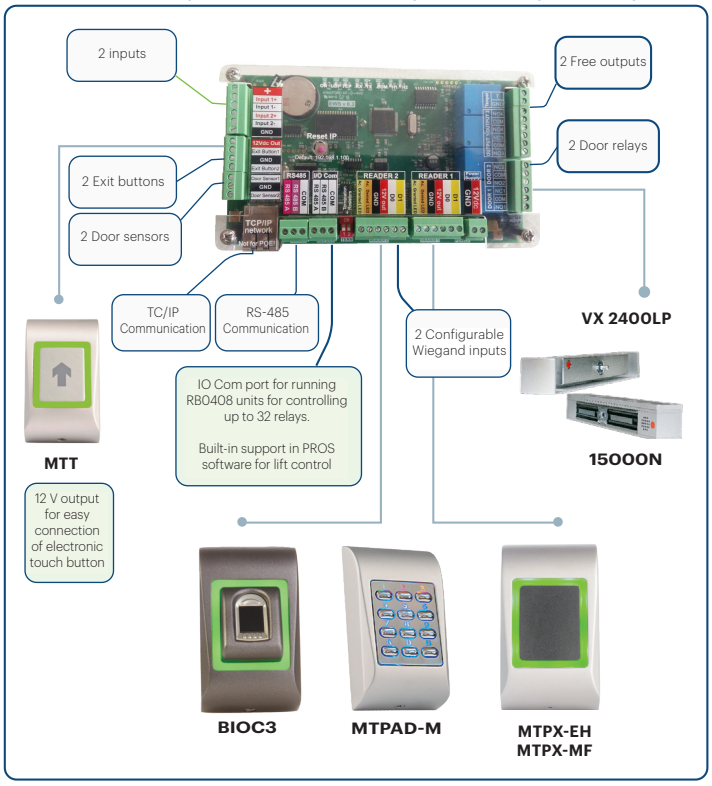
The EWS/EWSI Controller can be put in Lift Mode for controlling the floor access and allowing the use of the elevator only by authorized cardholder.

- One I/O Board RB0408 enables control of 8 floors
- Max. of 4 RB0408 boards can be used per EWS/EWSI controller (32 floors)

All product specifications are subject to change without notice.

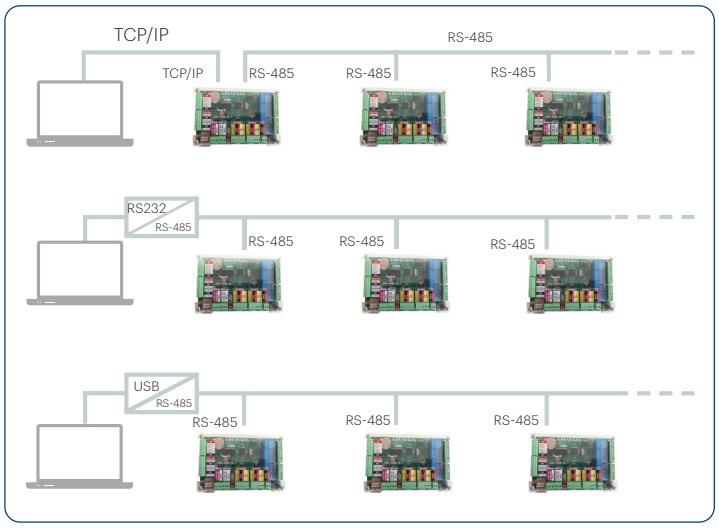
EWS-EWSI

- 2-Door Access Control Unit with built-in TCP/IP,
- Door Sensor Inputs, Push Button inputs and inputs/outputs

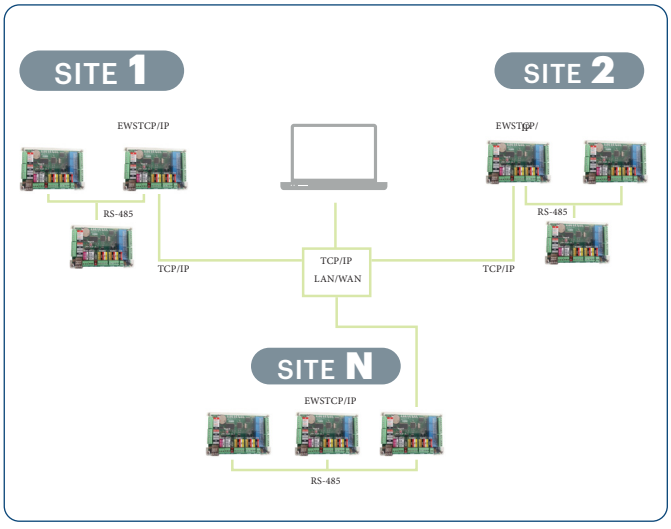


SYSTEM ARCHITECTURE

(a)



(b)



a) Combining TCP / IP and RS-485 in one system for maximum flexibility. Using TCP/IP and RS485 in one system you can use unlimited number of controllers with TCP/IP and up to 31 controllers in one RS-485 line with max. distance of 1 km.

b) Distribute the controller via the TCP / IP network of up to 100 meters away from the network switch/router.

CLIENT
PROS CS
SERVER

PROS CS SOFTWARE

- Client-Server Software, multiple users can access the server PC.
- User-Friendly Windows Interface for simple programming, management and control of installations

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