Lift Access Control (SL-Series)

The Castle 2SL is an expandable lift access system. It can be configured to control floor accessibility up to 16 floors/32 floors/48 floors, in multiple of 16. CTR-16 16-relay controller controls the floor selection button. Expanding the system from controlling 16 floors to 20 floors is only by adding one more CTR 16 to the system.

Features

Controls up to 2 lifts/COP under one controller (2 bus)
Controls up to 16/32/48 floor selection buttons on each lift / COP
1 bus can only support 1 reader and 3 relay controller (relay board)
2 core wires required for communication (Max. distance 1 km)
5,000 card holders
2,500 transactions
100 Time sets each with 3 time intervals
100 Time zones
100 Access Levels
100 Floor Access Levels
100 Floor Zones each with 6 floor intervals
2 x 20 backlit LCD, menu driven programming
Connects to PCI-PRO, PCI-CS1, PCI-CS2 for data downloading and online transactions monitoring
Can be networked through 2 wires RS-485 with Castle-S series Door Access and Car Park Access
Controller to PC running SmartGuard Pro and controlled under the same software
Power supply : 12 Vdc @ 500 mA

CTR-16 Relay Board
General Specification

Controls up to 16 relays output
On board 10A 24Vdc, 6A 240Vac relay
For lift selection button and lift expansion
Power supply : 12Vdc @ 500mA

Accessories
16 relays output board
Power supply
PC-Interface unit - PCI-PRO, PCI-Pro-Remote or PCI-Client Server

Ordering Information

Stock Code	Description
CAS-2SL	Control 2 lift car only Dimension : 68D x 189W x 547Hmm
CTR-16	16 units on board 10A/24 Vdc, 6A/240 Vac relay Dimension : 120L x 255Wmm
LR-PROX-T	Proximity reader c/w reader interface unit without keypad Dimension : 35D x 128W x 167Hmm
LR-MAG	Magnetic swipe reader c/w reader interface unit with 12 keys polycarbonate keypad Dimension : 35D x 128W x 167Hmm

System Configuration Diagram

Connected to PC (Max 1km)

RS-485 cable upto 1km

12 VA

To the Other LIFT / COP

• Each Controller can control up to 2 separate COP / LIFTS
• Can control upto 16 or 32 or 48 floor
• 1 Bus can ONLY support 1 Reader and 3 Relay Controller

2 Cores Required From The Travelling Cable For Communication

12VA

COP Panel

Lift Car

CTR16 #3 16 Relay Controller

CTR16 #2 16 Relay Controller

CTR16 #1 16 Relay Controller (Wires to the floor selection button under access control will be terminated here)

Reader Interface

12VA (inside COP Panel)

Castle RTF-S Reader