

TR-ACS-K20016M

Distributed Elevator Controller



Key Features

- Distributed elevator controller
- Connectable with up to 16 relays to control floor buttons in the elevator
- RS-485 communication with the master elevator controller
- DIP switch settings for device address and relay types
- Up to 8 distributed elevator controllers can be linked to the master elevator controller
- Three types of relays are supported: Button Relay, Call Elevator Relay and Auto Button Relay
- DIP switch settings for device address and relay types.
- Supports 3 relay types: Call Elevator, Button, and Auto Button
- Supports master elevator controller linkage, reporting the event to the system.

Introduction

The elevator controller consists of a main controller and distributed controllers, making it suitable for buildings, public areas, and similar applications. The distributed controller communicates with the main controller and relays via RS-485 to ensure stable floor control and status feedback. TR-ACS-K20016M acts as the relay extension module, providing multiple relay outputs to control additional floors or expand elevator capacity with ease.

Specifications

I/O interface

Input Interface	2x Alarm Inputs
Output Interface	16x Relay Outputs; 2x Linkage Outputs
Buzzer	1
Tamper-Proof	1
RS485	2
Indicator	LED Colors: Green, Yellow, Red LED States: Solid, Flashing, Off

General

Power supply	12 VDC±15%
Protocols	RS485
Dimension	167mm x 105mm x 30mm (LxWxH)
Operating Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Humidity	Less than 90% non-condensing

Note: Specifications are subject to change without notice.