tecom

TS0862

Smart Door Controller

Overview

The TS0862 Smart Door Controller is a low cost, compact door controller that performs all the functions necessary to control the operation of a single door. It is compatible with the TS0861 Magnetic Swipe Card Reader and Wiegand format readers. The TS0898 is ideal as a single-door controller for Wiegand-format biometric devices such as fingerprint readers.

The TS0862 interface device provides a dedicated relay for access control applications, as well as a request-to-exit (RTE) input.

The unit provides a tamper input, as well as LED indicators for communication between the device and the control panel.

Onboard open collector outputs are used to control the reader LED, as well as sounding the beeper.
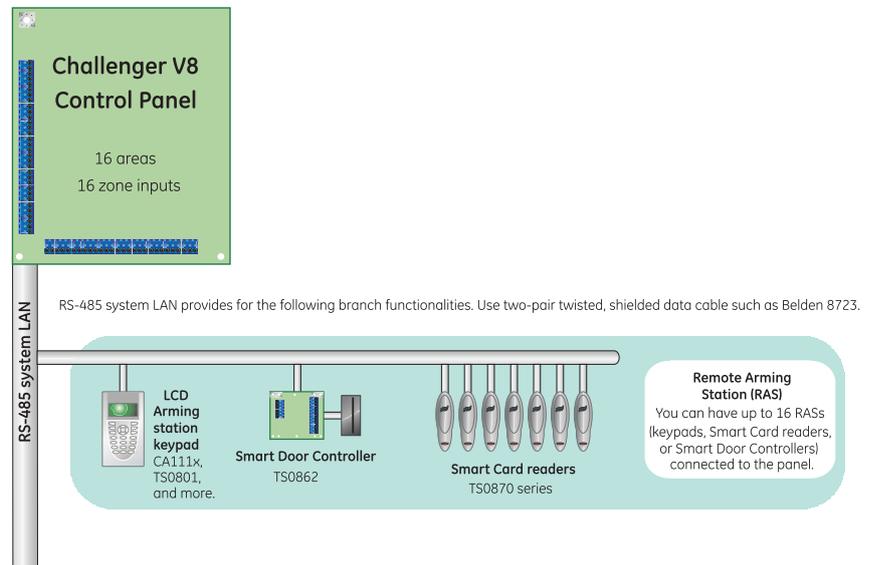
Features

- Request-to-exit (RTE) input

- Includes one relay for unlocking a door

- Provides reader LED control

- Up to 20 user cards can be stored into the TS0862's onboard memory. Access control for these 20 users is maintained even if the TS0862 loses communication with the control panel.

- The TS0862 may be connected to the RS-485 data bus for either a Challenger panel or an Intelligent Access Controller, and is polled as a remote arming station (RAS)

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System Block Diagram

Specifications

Electrical	
Power Supply	10.5 to 13.8 VDC from RS-485 data bus or from external 12 VDC supply
Current consumption	45mA (without reader)
Features	
Request-to-exit input	Yes
Relay output	Relay contacts are rated at 1 A @ 0 to 30 VDC, reducing to 300 mA @ 48 VDC
Environmental	
Operating temperature	0 to 50^{0}C
Physical dimensions	80mm x 50mm
Max. distance from Challenger panel or Intelligent Access Controller	Maximum cable length of 1,500 m, unless extended via LAN Isolation Interfaces
Total number of Smart Door Controllers	15 (plus one LCD keypad) per Challenger panel, and 16 per Intelligent Access Controller
Enclosure	No
Regulatory Compliance	ACMA C-Tick for Australia and New Zealand

Ordering information

TS0862	Smart Door Controller
TS0861C	Magstripe card reader
TS0064	Expanded Button Interface