Overview
The Intelligent Four-Door Controller extends the Challenger system’s capability to provide state-of-the-art access control functionality.

Each Intelligent Four-Door Controller provides intelligent access control for up to four doors including both entry and exit readers, Access control operations like badging a card or entering a PIN can be programmed to function only during specified times of the day.

‘Forced Door’ and ‘Door Open Too Long’ alarm can identify a security breach to the access control system and trigger a remote alarm and/or a local alarm.

Anti-passback tracks user movements in or out from defined regions, reducing the incidence of user tailgating and card sharing that could undermine the integrity of the system.

Extensive programming features can be used to program a sequence of unique events for a desired outcome (macro logic).

Access control doors can be interlocked. The operation of one door can disable the operation of another door for high security.

A card can be programmed for dual custody, so that entry will be granted for the user only after a different user also badges their card to indicate permission.

The Intelligent Four-Door Controller’s onboard database provides access control functionality even if communications with the Challenger panel (TS0816) fail.

The Intelligent Four-Door Controller supports ASSA ABLOY’s Hi-O (Highly Intelligent Opening) door network via the TS0864 (Challenger to Hi-O Gateway). Utilising a TS0864 per door, the Intelligent Four-Door Controller can support up to 4 Hi-O enabled doors.

The Intelligent Four-Door Controller also supports many reader technologies and many different lock types as standard.

Features
• Up to 12 Intelligent Access Controllers can add 48 access control doors to a Challenger panel’s 16 doors
• Antipassback
• Request-to-exit support for each door
• User counter, interlocking, card + PIN, 3X badging
• The TS0867 has 16 alarm inputs and 4 Wiegand reader connections
• The TS0866 has 8 inputs (expandable to 16). No Wiegand reader connections.
• Local RS-485 bus for up to four readers per door with in/out configurations
• Supports wide range of third-party readers
• 4 relays onboard for lock control
• Up to 48 freely programmable outputs using macro logic equations
• Intelligent Access Controllers’ onboard memory supports 11,466 users and can be expanded to 65,535 IUM users (the Challenger panel must use the same memory configuration)
• System conditions such as low battery, mains fail, and tamper can be programmed to operate outputs
• All reader LEDs are programmable, and can display alarm or access status
• Input devices can be monitored for tamper conditions (open or shorted) in addition to the default monitoring for sealed or alarm conditions
• Automatically unlock doors for a programmed time period (override time zone)
• Supports up to 4 ASSA ABLOY Hi-O enabled doors using a TS0864 Challenger Hi-O Gateway for each door.
Intelligent Four-Door Controller
TS0867

System Block Diagram

Specifications

- Operating current (no peripheral devices): 700mA
- LAN monitoring: Devices are polled for online state
- Enclosure dimensions (W x H x D): 385 x 585 x 77 mm
- Humidity: 95% noncondensing
- System Capacity: 4 Doors, 16 Inputs, 16 Relay Outputs
- Physical: Up to 1,500m from panel; Up to 1,500m local bus may be extended with LAN Isolation Interfaces
- Operating temperature: 0 to 50°C
- Auxiliary Power Supply: 12 VDC/700 mA
- Batteries: Up to 2 with 7Ah each
- Transformer: input 240 V at 50 Hz; output 18 VAC
- Capacity and Inputs/Outputs:
  - Cardholders: 11,466; expandable to 65,535 with intelligent user module (IUM)
  - PIN codes: 1,000 expandable to 65,535
  - Door groups: 10; expandable to 255 with IUM
  - Zones: 16 (free programmable inputs)
  - Relays on board: 4, expandable to 16
  - Programmable events: Up to 48 output events programmable with macro logic equations
  - RS-485 Local LAN Support: Up to 16 devices (Combination of keypads, readers and/or Challenger Hi-O Gateways)

Ordering Information

TS0867 Intelligent 4 Door Controller with 4 Wiegand reader connections, with TS0329 enclosure and transformer

TS0867B Intelligent 4 Door Controller with 4 Wiegand reader connections

Specifications subject to change without notice.

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