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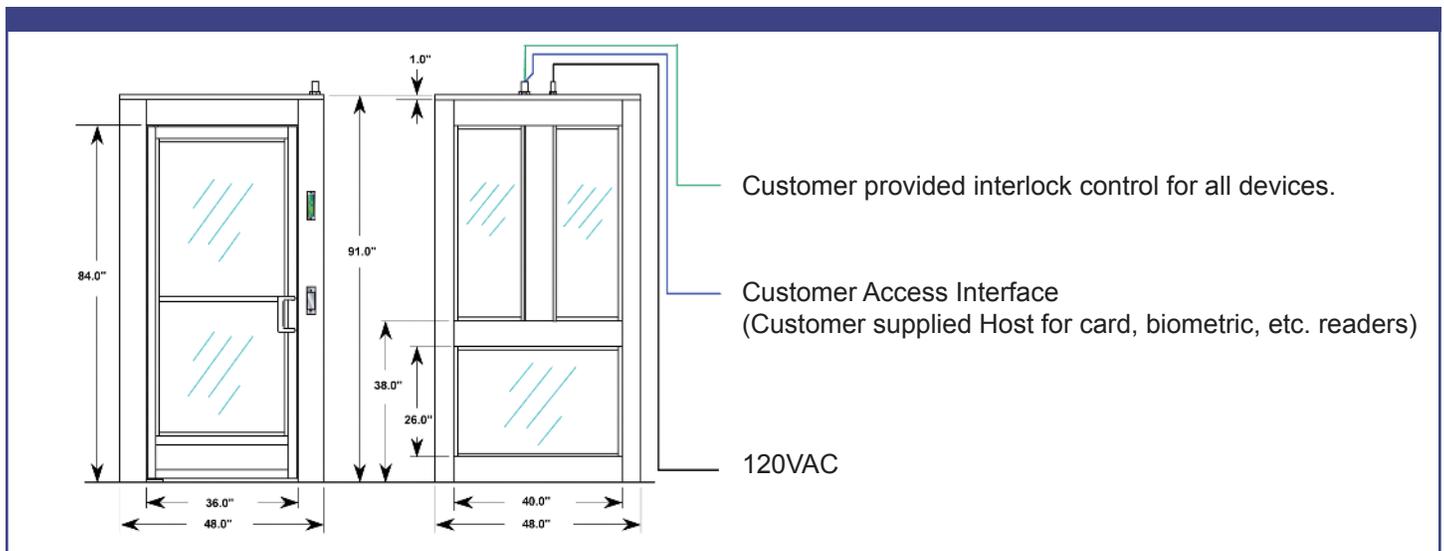
Product Data Sheet - Model 4848A Access Control System



The Model 4848A is the basic building block of the Isotec Security line of modular Access Control Portals. This model has been designed to integrate with legacy command and control systems. All necessary devices are provided to allow the interlocking of both doors to prevent unauthorized personnel from entering a facility.

These systems incorporate a high strength 1/4" thick tubular aluminum with heavy-duty narrow stile doors and concealed closer hardware. Locks, sensors, status display(s) are incorporated to monitor all interlock functions. Optional technologies can be provided to meet varied security requisites.

Available for direct purchase through GSA Advantage - Contract GS-07F-040BA



Optional Features and Services

Ballistic Glass Upgrades: UL 752 Compliant Levels I – VIII

Anti-tailgating, Motion, Approach, and Occupancy Technologies, Intercoms, Video, Voice Prompts, Weight Systems, and Automatic doors.

Installation supervision, Operator Training, Technology Certification, 24/7 Technical Support



Made in the U.S.A.



Contract Holder
Contract GS-07F-040BA



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Base System Description

Construction

The Model 4848A structure is fabricated from 1/4" wall extruded high tensile strength aluminum tubing, providing an extremely durable platform for a number of interlocking applications. The structure is fitted with 36" x 84" narrow stile heavy duty doors, closers and related hardware to accommodate heavy loads from a variety of ballistic composite panels up to level VIII, if required. The standard panels, provided in this structure, are certified to meet UL 972. Each door is provided with 1" diameter solid brushed stainless steel push bar and pull handles to provide an attractive appearance to the structure.

All aluminum components are finished in a durable White Textured Powder Coat Paint with UV inhibitors for external applications. Other colors are available to match site specific requirements.

Control Devices

Each door has with a heavy duty 1200lb overhead or shear magnetic locks, door status and bond sensor for a highly reliable operation. Also provided is a fail secure deadbolt lock on the high side door in case of power, control or lock failure.

Four status displays are provided to guide the occupant through the use of the system each with three long life high intensity colored LEDs. ('Red' = Out of Service or that Access has been Denied, 'Yellow' = Busy and 'Green' = Ready for Use.)

An I/R presence sensor, located in the ceiling is used to indicate when a user has entered the system.

This sensor is not affected by external changing light and can be adjusted to work with systems clustered together for higher volume traffic. This sensor, when coupled with the optional Isotec Anti-tailgating technologies, provides for single occupancy

monitoring of the entire structure.

A push button switch provided on the interior low side door column allows the occupant to escape if an emergency occurs. This switch is finished in red enamel paint and has white filled letters that read "Emergency Door Release."

Two additional push button switches are provided at each interior door column to allow a user to exit the door entered. This switch is finished in green enamel paint and has white filled letters that read "Push to Exit."

Access into the system is provided through a set of switches located on the exterior columns. Each plate is finished in silver enamel paint with white filled letters that read "Door Release." These switches may be replaced by a customer supplied card reader, and other configurations of credential devices can be integrated as well.

All devices are wired to a distribution terminal block located in the ceiling and accessed through two conduit stubs at the top of the structure. Power is routed through a 3/4" conduit stub while all external signals are routed out through a 1-1/2" stub.

Miscellaneous

This system is delivered partially assembled, tested for compliance and quality assurance. Suitable moving equipment is required for proper installation at the customer's site. Additional tools are also required to anchor the system to a level floor.

Installation/Operations, and Technical Manuals are provided with each system. Manuals are provided on a CD and provide all information necessary to install, operate and maintain the system. System schematics are also provided.

