

Optical Turnstile Components ES820 Series

Operation:

The Optical Turnstile Component Package designed for installation in field-fabricated bollards that would be placed in a parallel arrangement to provide pedestrian walkways. Persons traveling through the walkway are screened by the use of a conventional access control device, i.e.: card reader, proximity reader, etc. Audible and visual annunciators are used to communicate with the pedestrian concerning walkway usage and access control violations. Walkways may be configured to operate with Card-In/Card-Out access control, or with Card-In/Free-Exit.

Applications:

Installations where the walkway bollards are to be fabricated in the field
Where architectural design dictates the need to integrate the optical turnstile into existing furniture/fixtures
When local finish materials have been specified for the bollards

Features and benefits:

Compatible with any access control system
Simple installation
Excellent serviceability
Economical
High throughput (30 people/per minute, or 1800 people/per hour, per walkway)
Localized alarm notifies area personnel of a security breach
ADA compatible
Provides visual and audible customer interface
Single direction, or bi-direction access control
No moving parts

Options:

Card-In/Free-Exit walkway
Card-In/Card-Out walkway

Technical Data (electrical):

Power: 12VAC @ 6 Amp/walkway

Inputs:

Access Control: N/O Dry Contact/Card Reader for valid card (Entry & Exit)
N/O Dry Contact/Card Reader for invalid card

Shunt: N/O Dry Contact to override lane operation

Outputs: N/O alarm contact for walkway violation – 500mA @ 30 VDC
N/O Invalid Card Output

Technical Data (mechanical):

Graphic Arrays: 3" Wide X 6" High X 2.5" Diameter

Control Unit: 4" Wide X 18" Long X 9" High