












RTD-16.2 Full height rotor turnstile



 24 V	 30W	 2	 20
operating voltage	power consumption	passage directions	persons/min
 +55 -40	 IP54		
temperature range	IP Code	mechanical unlocking	"gateway" mode
 scheme	 video	 3D-presentation	



The full height rotor turnstile RTD-16 is designed for complete closure of passageway and it's suitable for both indoor and outdoor use.

Full height rotor turnstiles are designed for complete and secure closure of a passageway and used for control of access at locations with high security requirements, both indoors and outdoors.

Security gates offer maximum security for indoor and outdoor applications and can be used together with the full height rotor turnstiles to allow convenient wheelchair access and movement of bicycles and other bulky items.

PERCo full height rotor turnstiles and security gates are made of reinforced aluminium profile with anticorrosion coating to ensure high degree of resistance to weather and vandalism.

Housing of RTD-15 turnstiles is made of powder coated aluminum.

Housing of RTD-16 and RTD-20 turnstiles is made of anticorrosive galvanized steel with powder coating; rotors are made of stainless or galvanized colored steel.

RTD-20 double sided full height turnstiles allow to organize two controlled passageways within limited space.



Operating voltage	24 V DC
Power consumption	30 W
Consumption current	1,2 A
Number of passage directions	2
Throughput rate (in the single passage mode)	20 persons/min
Throughput rate (in the free passage mode)	30 persons/min
Dimensions (length×width×height)	1595×1641×2303 mm
Passageway width	630 mm
Operating temperature range	from -40 °C to +55 °C
IP Code	IP54

Turnstile housing - galvanized steel with powder coating



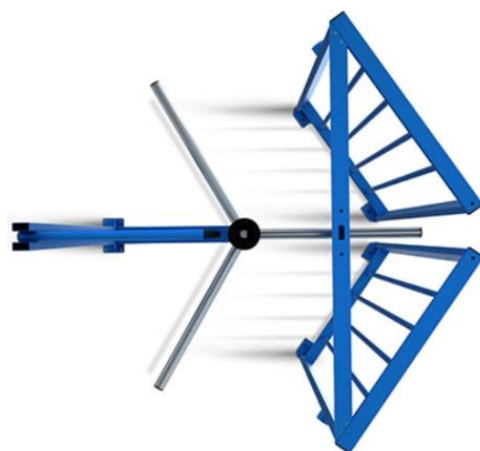
Blue (RAL 5010)

Turnstile rotor



sandpaper powder coating; light grey colour (RAL 7035)

The warranty period is 5 (five) years from the date of sale of the product.



Delivery set

- turnstile with internal electronics
- remote-control panel
- protective canopy (optional)
- foundation frame (optional)

The RTD-16 electromechanical full height rotor turnstile is designed for management of pedestrian flows and access control at entrance points of facilities and areas with high security requirements and necessity for full closure of the passageway.

For protection against downfalls and climbing over, the turnstile may be supplied with a protective canopy to be joined into a single portal structure with the turnstile.

The power and control cables can be routed to the RTD-16 turnstiles in two ways: from below, through the post of barrier arms, or from above, through the drive girder, which is an advantage in case of the installation of the turnstiles in a row.

Turnstiles can be installed back-to-back without gaps and transition elements, also including the case of use of the RTC-16 protective canopy.

This turnstile is suitable for indoor use and also might be used as a part of perimeter security alarm system.

For simplification and quality improvement of the assembling, the extra foundation frame can be used. By means of this frame, the turnstile can even be installed on an unstable ground.

The turnstile is provided with bright built-in LED indicators to show if access is granted or denied. Optionally the remote light indicators can be connected.

The RTD-16 can be operated from the remote control panel included in a standard delivery set or a wireless remote control (optionally) and can be easily integrated into most access control systems. The operating modes are set up independently for each passage direction.

The turnstile features:

- additional local lighting: two flush mounted 24V/50W halogen lamps are located on the top channel (additional option)
- anti-backup device to prevent reverse rotation once the rotor has turned more than 60°
- "Fire Alarm" input to unblock the turnstile from fire alarm system or emergency button

Two built-in mechanical release locks, one for each passage direction, allow unlocking the turnstile with a key for free passage in case of power failure.

When operating under an access control system (ACS), the turnstile can support pulse and potential control modes. The turnstile outputs have galvanic isolation.

Due to low power consumption, the turnstile comes with safe voltage.

Turnstiles can also be completed with full height gate with electromechanical lock and railing systems, produced in the same design.



LED indicator of way direction



Control panel for remote management



Turnstile mechanical unlocking



Walkway downlights





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