

TAC32T

ThyssenKrupp Elevator's new TAC32T controller for traction elevators offers increased reliability, safety and efficiency.

Even in the highest buildings with the fastest elevators, the absolute positioning system (APS) tracks car speed and position with the precision and reliability of a Swiss watch. The system consists of the APS sensor, code tape and mounting clips.

In conjunction with the elevator controller, our APS sensor can compensate for building compression as well as detect the floor level automatically. These functions clearly differentiate APS from competitive sensors, making it a breakthrough in hoistway information.

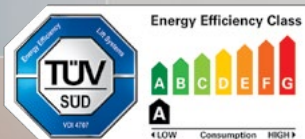
The APS is a SIL 3 certified system that provides safe and ultra-reliable positioning and speed information. In conjunction with the elevator control, this enables to carry out a wide variety of safety functions within the hoistway. SIL stands for Safety Integrity Level. A SIL is a measure of safety system performance, or probability of failure on demand.

As a result, APS eliminates the need for many individual systems and components currently required by a conventional elevator. Installing a TAC32T controller means a highly reliable and efficient system.



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ThyssenKrupp Elevator Americas



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Efficient

Handles complex algorithms at an accelerated rate with a powerful microprocessor system. This technology allows for a 12% reduction in the use of standby energy and improved processing, making the VDI 4707 – Class A rating possible.

Quick Installation

- Identical hardware platform across all product lines.
- Easily interfaces into one main control panel with intuitive color-coded connectors and micro-wiring instructions.
- Simplified hall fixture wiring uses modular pluggable cable.
- Universal remote I/O hall boards provide 16 discrete I/O with the option to add more.

Non-Proprietary User Interface Tool (UIT)

User-friendly, on-board UIT with unrestricted access provides all the diagnostic equipment required for adjusting, maintaining and troubleshooting the system.

Applications

Low, mid, and high-rise buildings

Configuration

Simplex, duplex or group operation

Compliance

- ASME A17.1 code
- ETL certified to ASME A17.1-2010/CSA B44-10; ASME A17.5-2004/CSA B44.1-04; EN81-1: 1998; TKE Health, Safety, and Environment Guideline; VDI 4707 – Class A

Optional Features

- Automatic Rescue (Powervator)
- Intelligent Monitoring System (IMS)
- Code Blue
- Hospital Emergency Service
- Infant Security

Specifications

Maximum car speed	3000 fpm (15.2 mps)
Maximum travel	2000 ft (607 m)
Positioning system	Sensing of car position performed by an absolute position system, which consists of an encoded tape that stretches the length of the hoistway and a dual sensor mounted on the car that reads the tape. Interfaces for the absolute position system will be provided.
Diagnostics and adjustment tools	UIT/IMS laptop
Environment	32° – 90°F
Standard enclosure	84", 72" and 42" controller cabinets available
Power supply	208–600 voltage, 50–60 Hz, single-phase or three-phase

Technical Support

ThyssenKrupp Elevator is committed to the highest level of customer service and quality in all that we do. Our service is focused on timely and effective maintenance, maximizing the life cycle of your elevators while minimizing their environmental footprint. Contact your local ThyssenKrupp Elevator representative at 877-230-0303.