

Elektromechanical swing door systems
for single- and double-action doors

TSA 150 E / TSA 150 P



Hotel Kempinski, München

Electromechanical

Swing door operation system TSA 150 E / TSA 150 P

*Discreet, **Reliable** and Quiet ...*

The unobtrusive, almost silent and extremely reliable **GEZE TSA 150 E** and **TSA 150 P** are just the thing for indoor applications.

They promote hygiene in hospitals, in doctor's surgeries and toilets. Provide assistance in homes for the elderly and disabled, and are ideal for any application where convenience and comfort are priority.

The small swing door systems can operate single- or double-leaf interior doors to opening widths of up to 1000 mm. Suitable for most door constructions (metal, timber, plate-glass or UPVC) - the **TSA 150 E** swing door operating system can cope with door-leaf weights of up to 100 kg.

GEZE TSA 150 P can effortlessly swing open double-action doors with a maximum weight of 80 kg.

A self-learning micro-processor controls the electromechanical swing door system **TSA 150 E**. Equipped with a reversing function in opening and closing direction, the swing door operating system **TSA 150 E** can be used for either left- or right-handed doors (pushing or pulling versions).



TSA 150 E

swing door systems

... they move *swing- and double-action* doors

TSA 150 P, also an electromechanical swing door system, is used for double-action doors. The overhead double-action door operating system **TSA 150 P** is installed within the transom of a prepared door frame.

Of course, all currently available contact mechanisms can be connected to either swing door system: sensors, infrared movement detectors, radar movement detectors (directional), key-operated switches, pull switches, foot-contact switches, pushbuttons, surface switches, contact thresholds and radio control.

Apart from the intelligent automation of interior doors, **GEZE TSA 150 E** and **TSA 150 P** also share the most important technical data:

- ▶ Power consumption (start up): 200 W
- ▶ Opening/closing speed, adjustable 25°-45° sec.
- ▶ Creep speed 4° sec. in the learning phase and with obstruction (safety device)
- ▶ Actuation delay time: adjustable 0-10 sec.
- ▶ Hold-open time: adjustable 0-60 sec.
- ▶ Main connection 230/240 V 50/60 Hz or 24 V DC
- ▶ Connection of external devices: 24 V DC, max. 800 mA
- ▶ Power consumption for continuous operation (without external devices): 40 W



TSA 150 P