

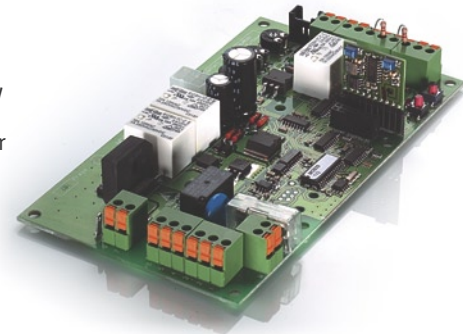


- Quick pre-assembly system
- Automatic chain tensioning
- Totally maintenance free
- Automatic force measurement as to EN 12453
- EN 12445 compliant
- All operators CE-compliant
- Soft-Start and Soft-Stop
- Very quiet
- Simple limit switch adjustment

TS series

TS series

- Special functions via DIP-switches to suit any installation situation
 - a) Simple stop on security beam in Soft Stop in closing direction
 - b) Automatic door reversing adjustable
 - c) Approx. 4 sec. pre-warning before door movements
 - d) Quick adjustment for side hinged doors
- Lighting duration adjustable between 80 and 240 seconds
- Bright internal light, 230 V / 40 W
- Plug-on modules for advanced functions:
 - a) Automatic Closing (AZ), Time adjustable from 10 – 240 s
 - b) Dead-Man (TO) (Directions and impulses adjustable)
 - c) One Way Traffic Control (EI) (Traffic Light Control in narrow entrances)
- 433 MHz remote control with rolling code for enhanced security
- Very low power consumption in stand-by 2.3 W
- Short packaging length of 120 cm, only
- Simple installation and adjustments
- Connectors for external security devices as standard:
 - a) Photo Cell (self-testing)
 - b) Security Beam (with 8.2 kΩ resistor)
 - c) Hatch Door Switch
- External remote receiver can be connected easily
- Power supply for external components 24 V and 230 V
- Extension rails available for doors up to 3.85 m high
- High quality push button as serial standard (IP 44)
- Emergency release as serial standard (either via the door handle or with pull cord)
- Low head room - a minimum of 35 mm above the door is required



Welcome to a new generation!

- Low power consumption
- Totally maintenance free
- Quality German engineering
- Ten years chain guarantee
- Adjustable light duration
- Quality wall push button
- Emergency release
- 4-channel hand transmitter

Technical Data	TS 75	TS 100
Maximum Pulling Force (adjustable)	75 kg (+/-4%)	110 kg (+/-4%)
Force-Setting for Operation	automatic	automatic
Motor	24V DC, low-noise	24 V DC, low-noise
Running Speed (max.)	14.5 cm/sec.	14,5 cm/sec.
Speed in Soft Mode	8 cm/sec.	8 cm/sec.
Closing Speed	adjustable from 6 to 14.5 cm/sec.	adjustable from 6 to 14,5 cm/sec.
Length of Soft-Modes	adjustable	adjustable
Internal Light	230V AC, max. 40 watts	230V AC, max. 40 watts
Adjustable Light Duration	80 to 240 seconds	80 to 240 seconds
Duty Cycle	80%	80%
Power Consumption in Stand By	2.3 watts	2.3 watts
Power Supply	190 – 250V AC	190 – 250V AC
Transformer	230V AC, 24V DC	230V AC, 24V DC
Pre-Warning Light	adjustable	adjustable
Stop on Security Beam in Closing Direction	adjustable	adjustable
Automation of Side Hinged Doors	adjustable	adjustable
Net Running Length	2,345 mm	2,345 mm
Max. Running Length with Extension	3,850 mm	3,850 mm
Overall Length	3,215 mm	3,215 mm
Height Motor Head	170 mm	170 mm
Length Motor Head	370 mm	370 mm
Width Motor Head	260 mm	260 mm
Minimum Space above the Door	35 mm	35 mm
Weight including Packaging	22 kg	23 kg

All data is subject to technical alterations!

ENG

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TS 75 TS 100



Totally maintenance free

Low cost of ownership

Ten years chain guarantee

Independently CE approved

WE'LL OPEN YOUR DOOR. AUTOMATICALLY.

Seip
ANTRIEBS TECHNIK