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available in North America through Bridgeport Worldwide and its dealers  
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**TECTUS®**

## TE 626 3D A8 Energy Kit

Manufactured of solid stainless steel with integrated and continuous energy transfer for flush high performance commercial doors with claddings up to 8 mm (0.315")

**Hinge** up to 300 kg (661 lbs.)

### Product Features

- Solid non magnetic stainless steel (304 series)
- Multiple connection adapter options
- Completely concealed hinge system
- For wood, steel or aluminum door panels and frames
- Easily adjustable in three dimensions (side +/- 3.0 mm (0.118"), height +/- 3.0 mm (0.118"), compression +/- 1.0 mm (0.039"))
- Maintenance-free slide bearings
- UL listed for 180 minute fire door

The specification text can be downloaded from the PRODUCTSELECTOR at [www.simonswerk-usa.com](http://www.simonswerk-usa.com).

### Technical Data

Load capacity	300 kg (661 lbs.)
Length	240 mm (9.449")
Width (door)	32 mm (1.260")
Width (frame)	32 mm (1.260")
Router bit / collar Ø	3/4" / 1"
No. of wires/Wire cross section	16/0.14 mm <sup>2</sup>
Max. voltage	50 V (for voltages of 24 V or higher only with safeguarded power supply)
Max. current	0.8 A (per wire)

### Finishes

satin stainless steel (304 series) (040), other finishes available upon request

### Combinations

Receiver/Reinforcement	Commercial frame	Frame mounted
	Casing frame	TE 626 3D A8 FZ
	Steel frame	TE 626 3D A8 SZ
	Steel door	TE 626 3D A8 ST
	Aluminum frame	Specified by manufacturer
Accessories	Round Cable 10m (393.701") Custom adapter	

### Installation Tools (in addition to templates for standard versions)

Routing for raceway	routing template	No. 5 251082 5
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### Application Range

Fire Resistant, Smoke Resistant, Soundproof, Forced Entry Resistant

### Note

The load capacity mentioned above refers to the use of 2 hinges per door leaf with a height/width ratio 2:1 (see page 46 for further detail).  
For a minimum door panel thickness of 40 mm (1-5/8" plus cladding).

Fire rated doors: Check with door manufacturer regarding the usage of additional required intumescent material.  
Cover plates for doors without cladding are available upon request – see page 33.  
Square-corner cover plates are available upon request - see page 34.

Kit includes two 3m (118.110") round cables.

