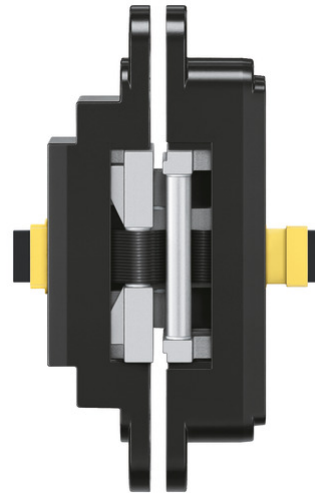


TE 540 3D A8 Energy

with permanent energy transfer for unrebated heavy-duty doors with claddings of up to 8 mm on both sides



Product features

- with permanent energy transfer
- individual connection adapter options
- claddings up to 8 mm
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated heavy-duty doors
- comfortable 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.0 mm)
- maintenance-free slide bearings

Technical data

Property	Value
Load capacity	100.0 kg
Overall length	200.0 mm
Width (door part)	32.0 mm
Width (frame part)	32.0 mm
Min. door thickness	49.0 mm (incl. claddings)
Cutter diameter	24.0 mm
Collar ring diameter	30.0 mm
Opening angle	180°

Quality marks



CE certification



IFT certification



UL certification



Certifire certification

Classification code

EN 1935 / EAD

4	7	5	1 ^{*1}	1	— ^{*2}	1	12
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^{*1} Test evidence for functional doors to be achieved with full door sets and assemblies.

^{*2} depending on the finish

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Wire cross section	0.14 mm ²
Max. voltage	50 V
No of wires	16
Max. current	0.8 A

Notes

The load capacity mentioned above refers to the use of 2 hinges per door leaf (1 x 2 m), for detailed information please look at the chapter [technical information](#).

When ordering the accessories please consider: There are two connection adapters TECTUS Energy needed per hinge. A connection plan can be downloaded.

With an opening position of 180° the door may have to be fixed additionally.

The suitability for fire doors depends on the door construction.

Installation tools

Universal milling frame

Template 5 250680 5 step 1

Template 5 250681 5 step 2

Template 5 250682 5 step 3

Template 5 250687 5 step 3 (without cladding)

Template 5 250939 5 additional routing Energy

Combinations

TE 540 3D FZ

TE 540 3D A8 SZ

TE 540 3D ST

Plug-in screw TE Type 1

Cover plate set TECTUS A8 radius

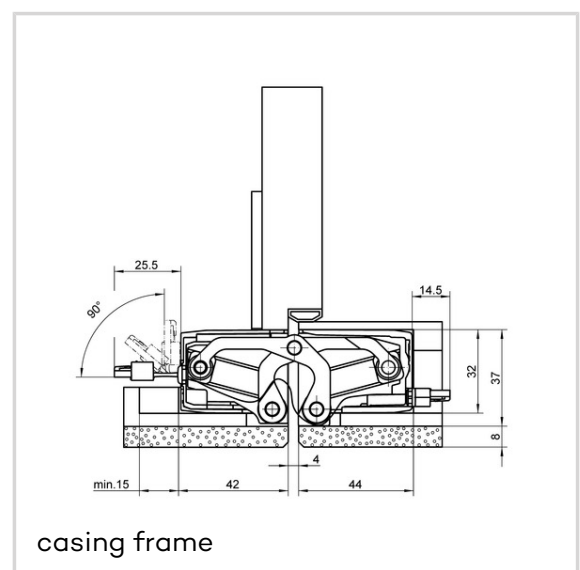
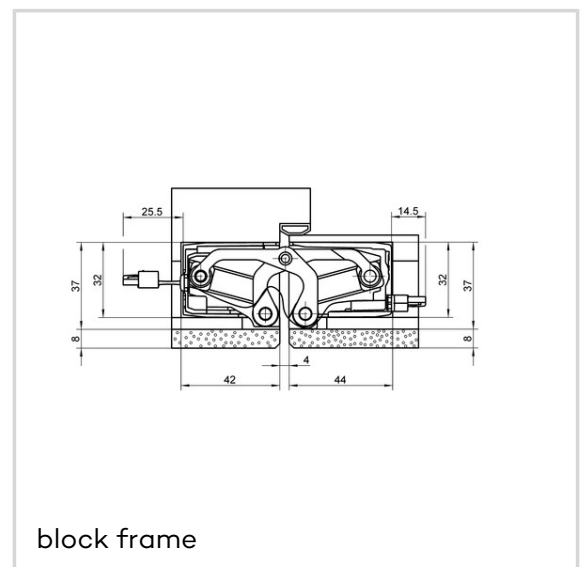
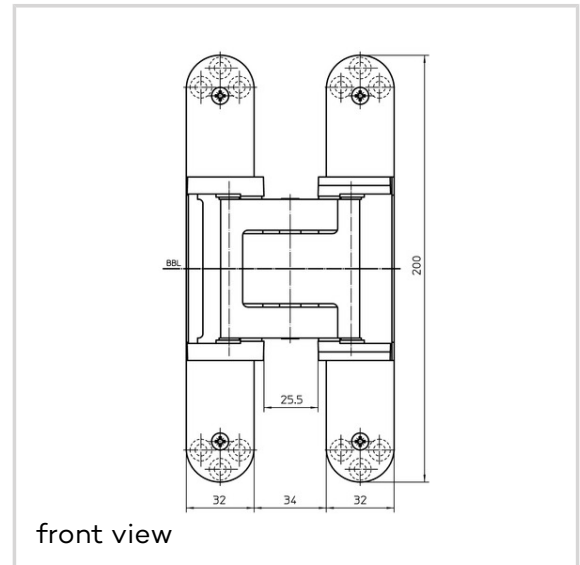
Adapter 1 TECTUS Energy

Universal adapter TECTUS Energy

Round cable 3m TECTUS Energy

Round cable 10m TECTUS Energy

Adapter set 20 TECTUS Energy



TECTUS - TE 540 3D A8 Energy

Adapter set 21 TECTUS Energy

Function rangeburglar
resistance

fire resistance

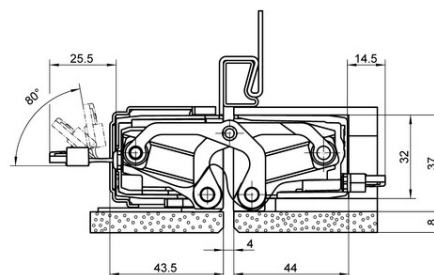
smoke
resistance

soundproof

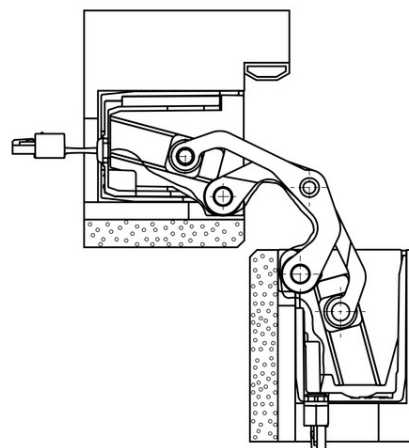
Item versions

Finish	Satin Chrome Look (F1) (SW 124)
VPE	pack of 1
DIN	DIN right and left hand
ITEM NO.	5 400705 0 12401
ITEM NO. (SAP)	500004024
EAN	4015471128746

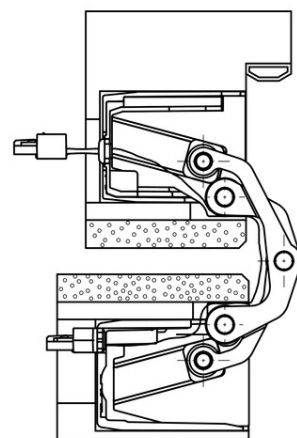
Finish	Stainless Steel Look (SSL) (SW 126)
VPE	pack of 1
DIN	DIN right and left hand
ITEM NO.	5 400705 0 12601
ITEM NO. (SAP)	500004025
EAN	4015471128753



steel frame



block frame 90°



block frame 180°