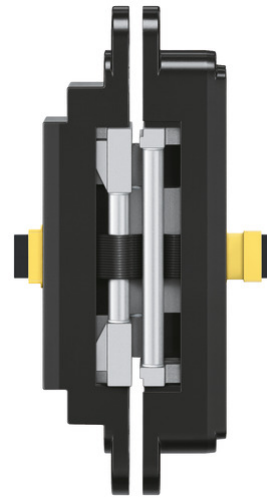


TE 640 3D A8 Energy

with permanent energy transfer for unrebated high performance 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	160.0 kg
Overall length	240.0 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°

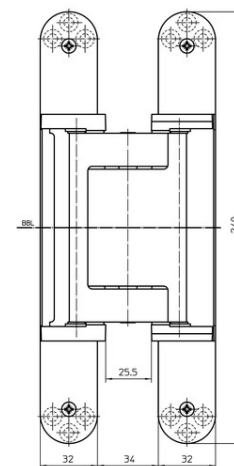
Quality marks



UL certification



Certifire certification



front view

TECTUS - TE 640 3D A8 Energy

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 250659 5 step 1

Template 5 250688 5 step 3 (without cladding)

Template 5 250689 5 step 2

Template 5 250690 5 step 3

Template 5 250939 5 additional routing Energy

Combinations

TE 640 3D FZ

TE 640 3D A8 BW/1

TE 640 3D A8 SZ

TE 640 3D ST

Plug-in screw TE Type 1

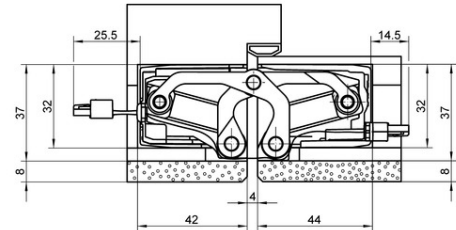
Cover plate set TECTUS A8 radius

Adapter 1 TECTUS Energy

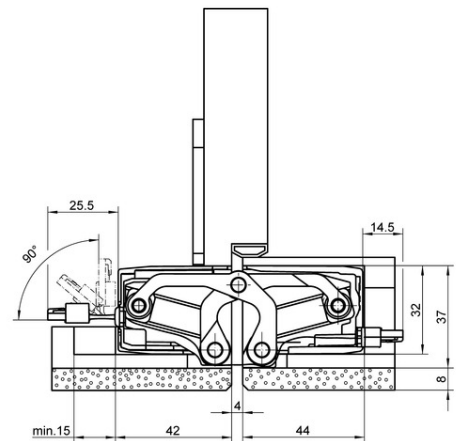
Universal adapter TECTUS Energy

Round cable 3m TECTUS Energy

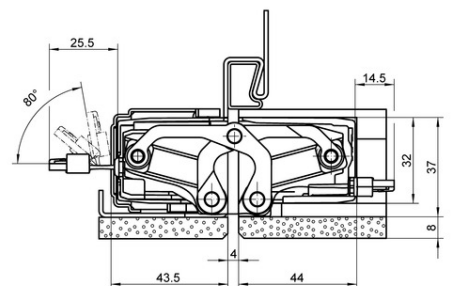
Round cable 10m TECTUS Energy



block frame



casing frame



steel frame

TECTUS - TE 640 3D A8 Energy

Adapter set 20 TECTUS Energy
 Adapter set 21 TECTUS Energy

Function range

burglar
resistance



fire resistance



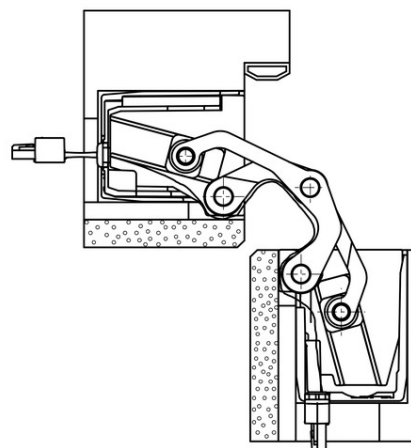
smoke
resistance



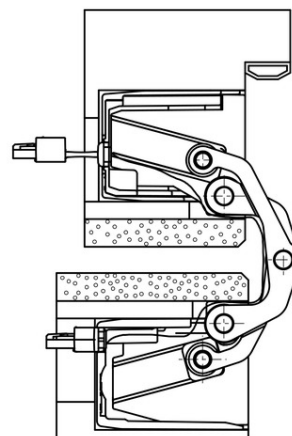
soundproof

Item versions

Finish	Satin Chrome Look (F1) (SW 124)
VPE	pack of 1
DIN	DIN right and left hand
ITEM NO.	5 400707 0 12401
ITEM NO. (SAP)	500004029
EAN	4015471128852
Finish	Stainless Steel Look (SSL) (SW 126)
VPE	pack of 1
DIN	DIN right and left hand
ITEM NO.	5 400707 0 12601
ITEM NO. (SAP)	500004030
EAN	4015471128883



block frame 90°



block frame 180°