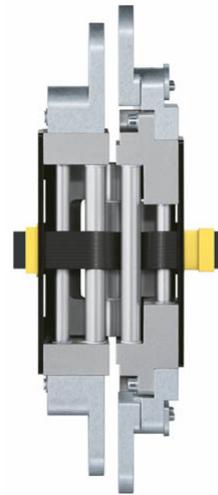


TE 645 3D Energy

with permanent energy transfer for unrebated high performance heavy-duty doors



Product features

- with permanent energy transfer
- individual connection adapter options
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated high performance heavy-duty doors
- with comfortable 3D adjustment (side +/- 3,0 mm, height +/- 3,0 mm, compression +/- 1,0 mm)
- maintenance-free slide bearings

Technical details

Attributes	Value
Load capacity	300,0 kg
Width (door part)	34,0 mm
Length (door part)	260,0 mm
Width (frame part)	36,0 mm
Length (frame part)	280,0 mm
Cutter diameter	24,0 mm
Opening angle	180°
Wire cross section	0,14 mm ²
Max. voltage	50 V

Quality marks



Certification CE

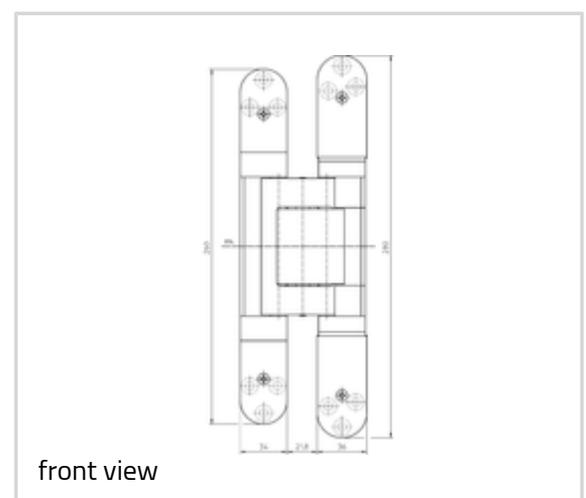


Certification IFT

Classification key

4	7	7	1	1	* ₆	1	14
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⁶ depending on the finish



TECTUS - TE 645 3D Energy

No. of wires	16
Max. current	0,8 A

Note

The load capacity mentioned above refers to two hinges per door leaf (1 x 2 m). Also the load capacities of the respective combined receiver have to be taken into consideration. For detailed information please look at the chapter "technical information".

Test evidence for functional doors to be achieved with full door sets.

Application on steel frames is subject to special frame facings.

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.

Suitable for

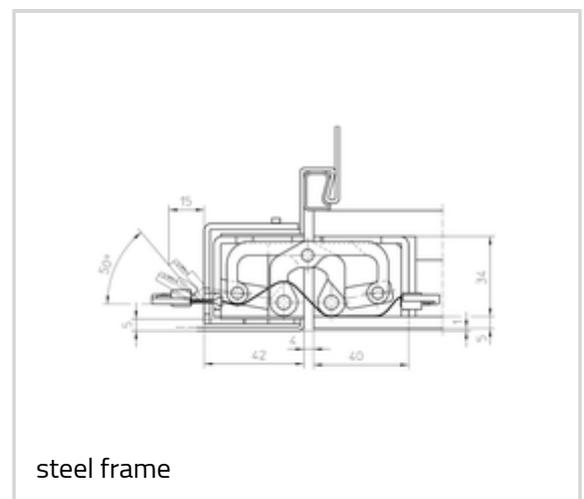
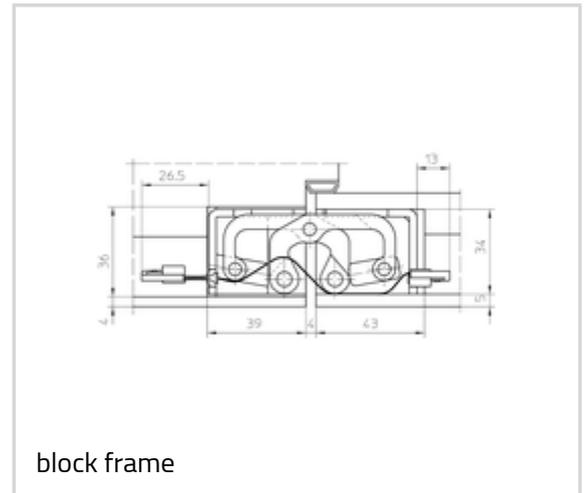
Universal milling frame long

Template 5 250939 5	additional routing Energy
Template 5 250945 5	frame, step 1
Template 5 250946 5	frame, step 2
Template 5 250947 5	door, step 1
Template 5 250948 5	door, step 2

Combinations

TE 645 3D SZ
 TE 645 3D ST
 Adapter 1 TECTUS Energy
 Universal adapter TECTUS Energy
 Round cable 3m TECTUS Energy
 Round cable 10m TECTUS Energy

Function range



TECTUS - TE 645 3D Energy



burglar resistance



fire resistance



smoke resistance



soundproof

Item

Finish(es)	124-Satin Chrome Look (F1)
OF-NR.	124
VPE	pack of 1
DIN	DIN right and left hand
Item No.	5 400664 0 12401
EAN	4015471118105
Finish(es)	126-Stainless Steel Look (SSL)
OF-NR.	126
VPE	pack of 1
DIN	DIN right and left hand
Item No.	5 400664 0 12601
EAN	4015471118112