

FTS & FTS-R III

Free swing door closer
with smoke detector for added
safety and convenience



Wherever doors are required to function with a low application of force and a high level of security.

FTS III (3-6)



Comprehensive information
about our free swing door closers.



eco-schulte.com

The FTS III + R III

ensure safety in all sensitive living and working areas with the smoke detector function.



FTS-R III (3-6)

**Opening angle
up to 180°.**

**Free swing function
activation**

from 1° opening angle.

**4 mounting types,
one locking body***

Door leaf and frame installation on both hinge and opposite hinge side, DIN left = DIN right.

For your safety and



In hospitals and clinics

Have you ever tried to go through a large door with a door closer while negotiating a broken leg and crutches? It's pretty much impossible on your own.

The ECO FTS-R III free swing door closer and the ECO ETS 64-R swing door drive offer the perfect solution. Whatever the architect's design concept, ECO Schulte has all bases covered. Contact our project consultants for more information.



At residential entrance doors in multi-family buildings

Many building authorities in Germany stipulate a smoke-proof or smoke-tight door complete with self-closing mechanism in accordance with EN 1154 for residential entrance doors in stairwells.

Trying to pass through a doorway that is permanently closed by the door closer with your weekly shopping in your arms is no mean feat. This is why free swing door closers are often installed.

With the ECO FTS-R III, ECO Schulte offers an ideal solution that can be assembled on both the hinge and opposite hinge side of the door. As it is mounted on the outside, a service team can check and maintain the system without the tenant having to be present.

and convenience.



In homes for the elderly and care facilities

The difficulty of operating heavy fire doors isn't just limited to kindergarteners, as many older people experience the same issue. And of course additional limitations posed by mobility aids such as wheelchairs and walkers also have to be factored in. As a result, free swing door closers are now a standard feature in care facilities. ECO not only raises the bar in terms of functionality here, but also introduces a fresh aesthetic dimension.



In kindergartens, day care centres and schools

For young children, operating large fire doors with door closers can often be challenging. In some cases, the opening forces required can exceed 50 Nm.

With the ECO FTS-R III, the opening forces of the self-closing mechanism (spring) are entirely eliminated, allowing the door to be moved with ease. The resulting door opening forces are then significantly below 25 Nm.





Award-winning barrier-free design

The FTS III received the ICONIC AWARD: Innovative Interior 2023. This award is presented for significant contemporary developments and exceptional design achievements.

The FTS III ⁽³⁻⁶⁾ ticks both boxes:

In addition to its functional qualities that enhance barrier-free accessibility and safety, the FTS III stands out with its sleek design featuring a uniform aesthetic.

Your benefits

- The ECO FTS-R III free swing door closer with continuous SK EN 3-6 closing force **is tested and certified in accordance with EN 1154 and EN 1155.**
- **Approved as a hold-open system by the DIBt** (design certification).
- For use on fire and smoke control doors, **especially for the construction of accessible buildings as per DIN EN 18040**
- **An ECO FTS-R III model for door leaf installation:** DIN-L = DIN-R, hinge side = opposite hinge side
- **Special model for frame installation:** ECO FTS III + GS-HF + ECO RSZ III + optional adapter plate
- Suitable for use in combination with the ECO SR-R (BG) III or ECO SR-EFR (BG) III – **even for 2-leaf fire and smoke control doors.** The ECO TS-62 (G), TS-61 (G), TS-41 and TS-31 can be used as a door closer on the passive leaf.
- **Prefabricated assemblies** enable simple, **fast and error-free installation**
- **In the case of new construction: aesthetically pleasing installation with** concealed cable duct (on-site door device required)
- **In the case of retrofits or renovations:** Installation with surface-mounted cable connection possible
- **Height-adjustable ECO R III** slide rail, **adjusting range of ±3 mm**
- **Slide rail flush with FTS III body** for an elegant visual aesthetic (hinge side only)
- **Free swing function: from 1-180°**
- **Integrated smoke control centre** with automatic alarm reset after 10 seconds
- **Compatible with ORS-142 and TDS 247** wired ceiling detectors
- **Approved for use with the** FM-155-F / ORS-155-F / HAT radio smoke system

Product information

Performance criteria

| | FTS III (3-6) | FTS-R III (3-6) |
|---|--|---|
| Standards and specifications | | |
| Closing force in accordance with EN 1154 | 3-6 continuously | 3-6 continuously |
| Dimensions (incl. mounting plate) | Length: 409 mm Building depth: 51.5 mm Height: 65 mm | Length: 409 mm Building depth: 51.5 mm Height: 65 mm |
| Max. door leaf width, in mm | ≤ 1,400 mm | ≤ 1,400 mm |
| Opening angle | up to 180° | up to 180° |
| Control | Via external smoke control centre or fire alarm system in building | Smoke control centre integrated into the ECO R III slide rail |
| Supply voltage | 24 V DC | 230 V AC, 50 Hz, ±10% |
| Power consumption | 8.3 W continuous, max. 32 W (136 mA) | 8.3 W continuous, max. 32 W (136 mA) |
| Barrier-free in accordance with DIN 18040 | DIN 18040 | DIN 18040 |
| Tested in accordance with EN | EN 1154 EN 1155 | EN 1154 EN 1155 |
| Certified in accordance with EU regulations | CE | CE |
| Design certification (DIBt) | | Z-6.500-2411 |
| Protection class | IP 20 | IP 20 |
| Area of use | -15 to +45°C | -15 to +45°C |
| Max. relative humidity | 95% | 95% |
| Mounting versions | | |
| DIN L = DIN R | ■ | ■ |
| BS = BG | ■ | ■ |
| Standard installation | BS / BG | BS / BG |
| Frame installation | BS / BG | (ECO FTS-K-R III) |
| Functions | | |
| Latching speed, effective range 7 to 0° | From the side continuously | From the side continuously |
| Closing velocity, effective range 180 to 7° | From the side continuously | From the side continuously |
| Free swing function | 1-180° | 1-180° |

Building types



Educational institutions



Public administration buildings



Sports & events



Office



Health care

Door types



Wooden door



Steel door



Profile door

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Subject to changes.

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Comprehensive information
about our free swing door closers.



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ECO SCHULTE ≡ SYSTEM TECHNOLOGY FOR THE DOOR

