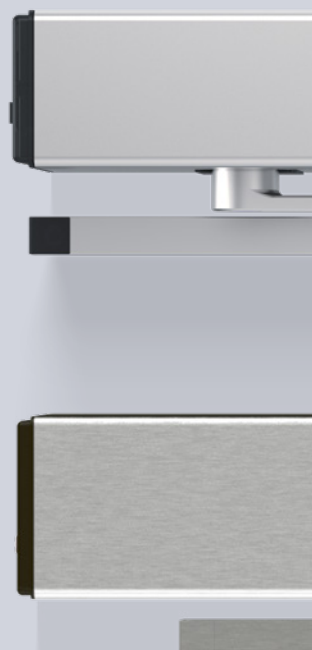


ETS

Electric motor drives





**Motor-driven opening
and controlled closing**

Well-engineered door movement















Our ETS are powerful, low-noise, electric motor drives for heavy interior and exterior doors up to 400 kg (250 kg for fire and smoke control doors).

They are the perfect solution for new systems and modernisation projects.

ECO Schulte ETS 42

ECO Schulte ETS 64

ETS comparison table single-leaf

Drive	ETS 73 (ER)	ETS 64-R (ER)	ETS 64-R GSD (ER)	ETS 64-R-IRM (ER)	ETS 64-R-IRM GSD (ER)	ETS 42 (ER)	ETS 42-R (ER)
Article number	5030014715	5030014716	5030014717	5030034212	5030034214	5030053933	5030067722
EN size	3-7	3-6	3-6	3-6	3-6	2-4	2-5
Standards	 	   	   	   	   	   	   
For doors up to	400 kg	250 kg	250 kg	250 kg	250 kg	150 kg	150 kg
Door width	≤ 1,600 mm	≤ 1,400 mm	≤ 1,400 mm	≤ 1,400 mm	≤ 1,400 mm	≤ 1,100 mm	≤ 1,250 mm
Opening/closing velocity	max. 40°/s	max. 40°/s	max. 40°/s	max. 40°/s	max. 40°/s	max. 40°/s	max. 40°/s
Max. lintel depth	250 mm (SGS), 150 mm (GS)	250 mm (SGS), 150 mm (GS)	250 mm (SGS), 150 mm (GS)	250 mm (SGS), 150 mm (GS)	250 mm (SGS), 150 mm (GS)	250 mm (SGS), 150 mm (GS)	250 mm (SGS), 150 mm (GS)
Max. door opening angle	105°	105°	105°	105°	105°	105°	105°
Hold-open time	0...60 s / 0...180 s	0...60 s / 0...180 s	0...60 s / 0...180 s	0...60 s / 0...180 s	0...60 s / 0...180 s	0...60 s / 0...180 s	0...60 s / 0...180 s
Mains power	230 V AC, 50 Hz, 1 ⁰ / ₁₃ A	230 V AC, 50 Hz, 1 ⁰ / ₁₃ A	230 V AC, 50 Hz, 1 ⁰ / ₁₃ A	230 V AC, 50 Hz, 1 ⁰ / ₁₃ A	230 V AC, 50 Hz, 1 ⁰ / ₁₃ A	230 V AC, 50 Hz, 1 ⁰ / ₁₃ A	230 V AC, 50 Hz, 1 ⁰ / ₁₃ A
Max. power consumption	560 W Standby 4 W	560 W Standby 4 W	560 W Standby 4 W	560 W Standby 4 W	560 W Standby 4 W	350 W Standby 4 W	350 W Standby 4 W
Output power	24 V DC, max. 2.0 A	24 V DC, max. 2.0 A	24 V DC, max. 2.0 A	24 V DC, max. 2.0 A	24 V DC, max. 2.0 A	24 V DC, max. 1.4 A	24 V DC, max. 1.4 A
Protection rating	IP 40 (42)	IP 40 (42)	IP 40 (42)	IP 40 (42)	IP 40 (42)	IP 20	IP 20
Ambient temperature	-15 to +50°	-15 to +50°	-15 to +50°	-15 to +50°	-15 to +50°	-15 to +50°	-15 to +50°
Max. relative humidity	85%	85%	85%	85%	85%	85%	85%

ETS – System highlights



Force – up to 400 kg

- **Safe:** closes and opens interior and exterior doors with leaf widths of up to 1,600 mm (EN 7)
- **Powerful:** both exterior doors with high wind loads and heavy fire doors are safely automated
- **Extremely quiet:** our electromotive drive unit is practically inaudible in everyday use
- **Well-engineered:** smooth movement sequence
- **All-rounder:** for the public sector, hospitals, care homes and clinics

ETS 73	up to 400 kg (leaf sizes ≤1100 mm)
ETS 64-R	up to 250 kg (for FS and RS doors)
ETS 42	up to 150 kg
ETS 42-R	up to 150 kg

Low Energy and Full Power with a single drive

The ETS can be configured for 2 functions on site with one and the same drive – no additional upgrade card needed.

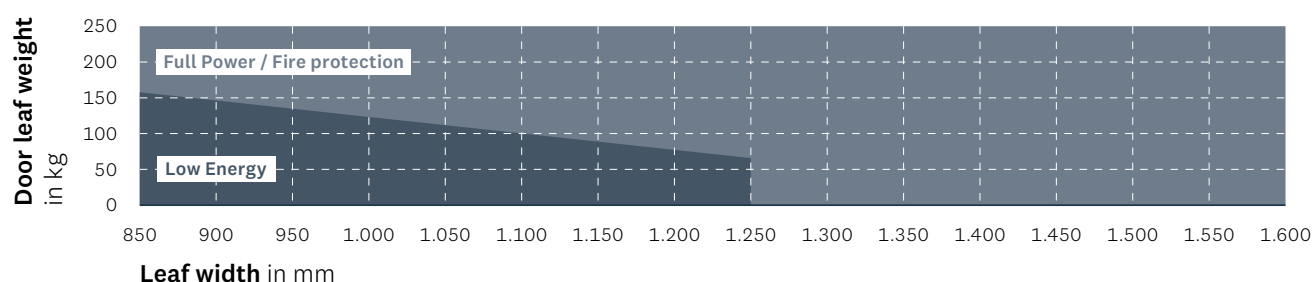
Full Power

Full Power automates fast sequences of movement for heavy doors with a lot of public traffic. With this function, the movement area must be monitored additionally by safety sensors.

Low Energy

Low Energy has been designed for private households and work areas with low public traffic.

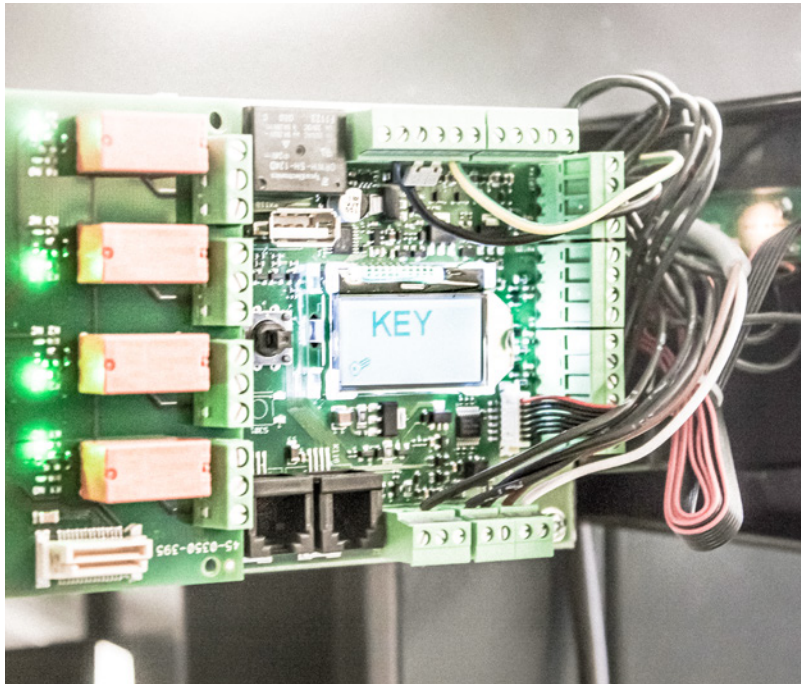
Safety sensors are not necessary here, but there are limitations with regard to door weight and movement velocity.



No external control module or laptop necessary

On board ex factory:

You do not need a separate external programming device or special software for the installation and service of our ETS.



Simple installation and service

The display and joystick directly on the ETS allow for simple and user-friendly adjustment of all parameters.

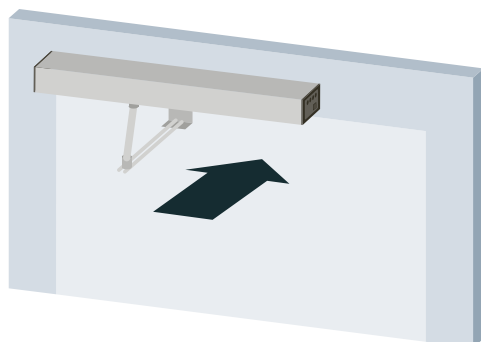
Menu-based queries simplify on-site configuration during initial commissioning.

All parameters are password-protected and can also be adapted to new requirements later.

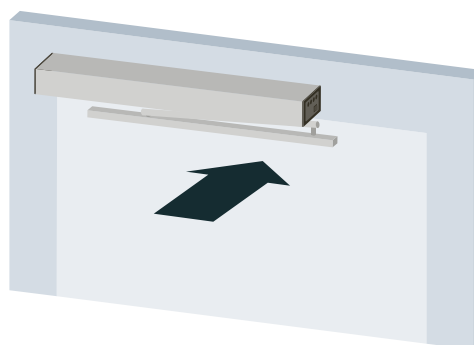
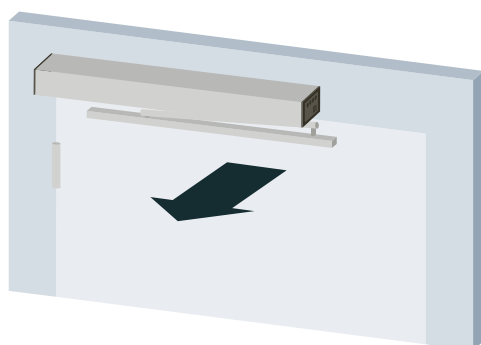
Troubleshooting is simple and straightforward.



The ETS can be combined in the following versions:



- Transom installation with standard arm, opposite hinge side pushing
- Transom installation with slide rail, opposite hinge side pushing
- Transom installation with slide rail, hinge side pulling



Approved in all mounting versions

Hinge side, opposite hinge side, fire and smoke control

Our ETS are approved for all mounting versions – in both standard and fire protection versions.

This means planners and architects have a consistent design version with slide rails available for all installation applications.

Processors can adapt the mounting type flexibly to the on-site requirements.

Fire and smoke control

Inverse function

Airlock function

Fire and smoke control doors

Both the ETS 64-R and the ETS 42-R are approved as a hold-open system for fire and smoke control doors. In combination with a lintel-mounted smoke alarm, the system securely closes the fire door in the event of an alarm or power failure.

Inverse function

We developed the inverse function for the ETS 64-R especially for smoke extraction from buildings (SHE). This means no emergency power supply is required, even if a power failure occurs. The inverse function comes pre-installed in the ETS and is adjustable on site.

Airlock function

The airlock function controls the complex processes of automating double doors in safety areas (controlled and directional passage management).

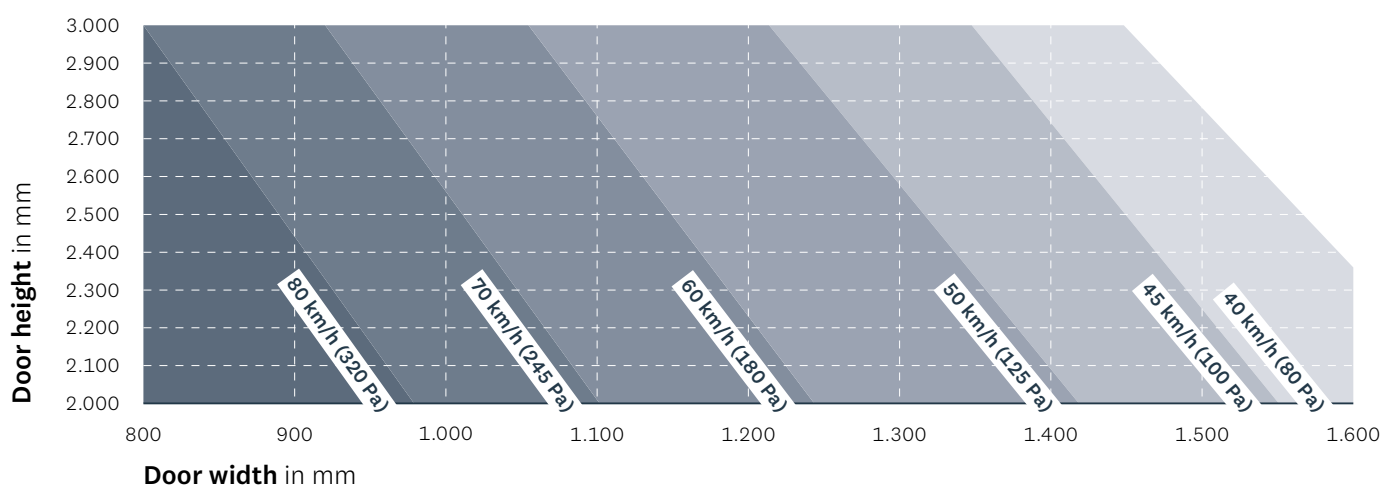


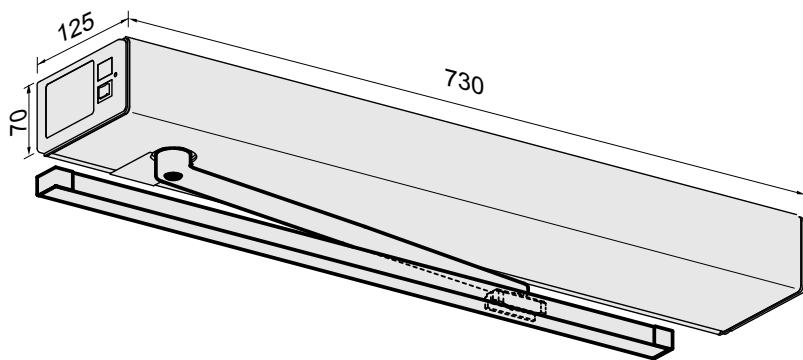
Wind load compensation

Wind load control adapts the smooth operation of exterior doors to varying air pressure conditions – for example: up to wind force 9 (or 320 Pa) / for a leaf size of 900 × 2,400 mm).

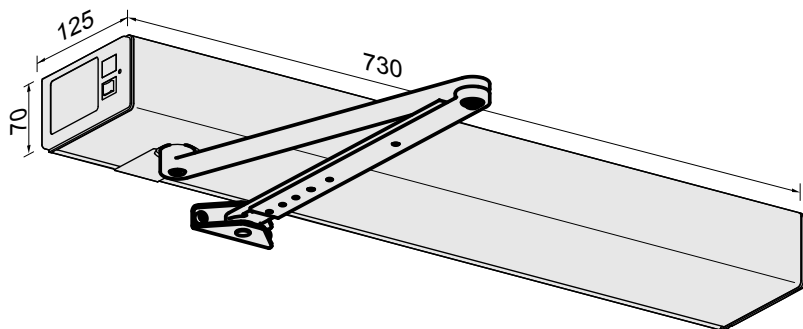
The drive detects briefly occurring wind loads (e.g. strong gusts).

The control then calculates the motor power additionally required to boost or slow the drive, allowing the door leaf to operate virtually undisturbed.

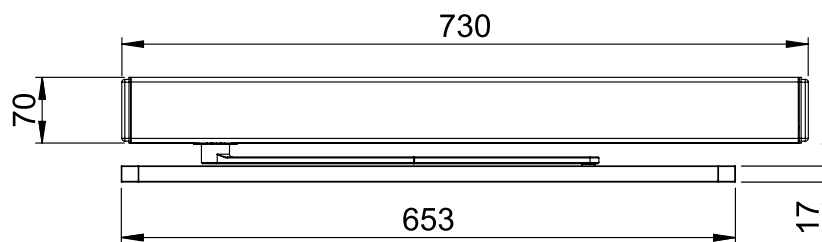




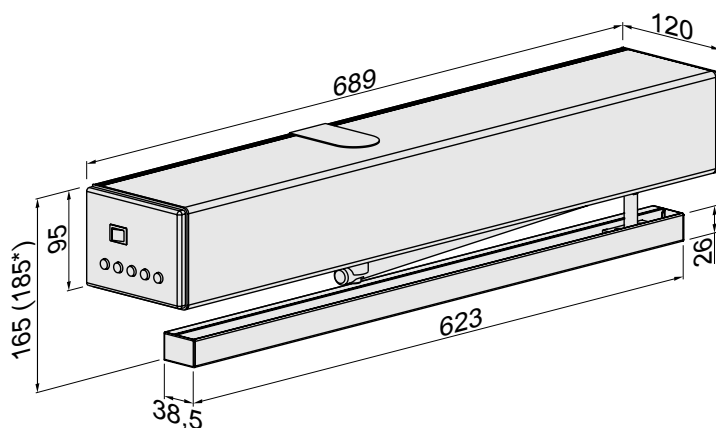
ETS 42
Slide rail



ETS 42
Standard arm



ETS 42-R
Slide rail, pushing



ETS 73
ETS 64-R
Slide rail

Models and functions

Installation

- **Opposite hinge side:** Arm and slide rail
- **Hinge side:** Slide rail
- All mounting types covered with one drive¹
- Single-leaf and double-leaf:
ETS 64-R with assembly kit
ETS 42-R SRI with pre-assembled SRI
- ETS 64-R with IRM
- Programming switch on the side cover

Parameter

- Adjustable opening and closing velocity
- Two different hold-open times
KEY and OEI/OEO
- Starting delay due to the response time of motorised locks and E-openers
- Opening angle 0–105°

Functions

- Push & Go
- Servo
- Wind load
- Invers²
- Close door by override pushing with ETS 64-R
- Low Energy
- Manual triggering by override pushing the door²

Program types

- Automatic
- Night mode
- Key
- Always open
- Manual

Electric motor drives



You will find more information,
interactive cable diagrams and
our helpful installation aid here.

eco-schulte.com

1) A separate gear is only necessary for the ETS 64-R for the slide rail pushing version

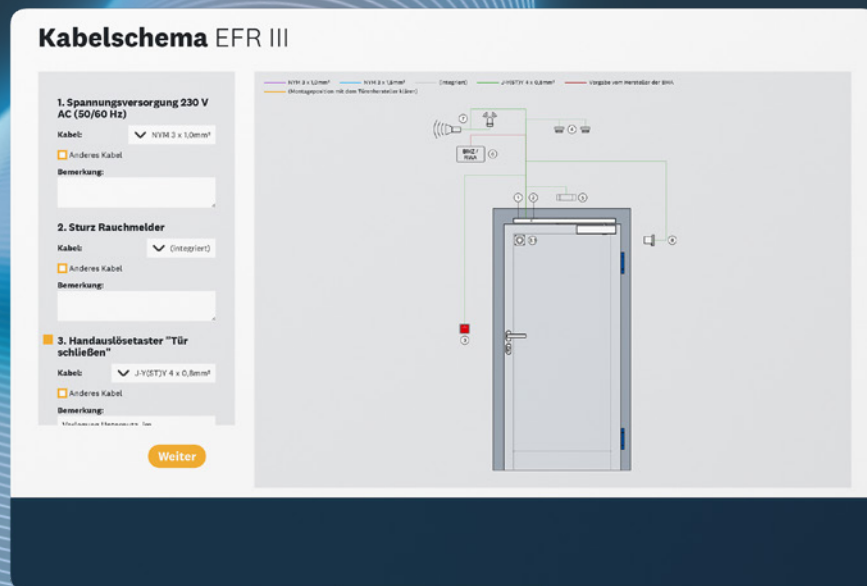
2) Only ETS 64-R

Cable plans



Use our new online tool to create suitable cable diagrams for your individual door solution.

eco-schulte.com



ETS 42



ETS 42

- Electric motor swing door drive EN 2-4,
- for doors up to 150 kg, without FS/RS requirement.
 - Height 70 mm, width 730 mm, depth 125 mm. Weight 8.2 kg
 - Ambient temperature -15 to +50°, max. relative humidity 85%, IP 20
 - Mains power: 230 V AC, 50 Hz, $1\frac{1}{2}$ A, power consumption max. 350 W.
 - Output power: 24 V DC, max. 1.4 A
 - Max. lintel depth 250 mm (SGS), 150 mm (GS)
 - Max. door opening angle 105°
 - Hold-open time 0...60 s / 0...180 s.
 - Motor back-check continuously adjustable without power (potentiometer)
 - Additional functions: Servo support, Push & Go, Low Energy
 - Design: Cover hood stainless steel, matt brushed

ETS 42 (ER)

5030053933

ETS 42 sets – single-leaf and double-leaf

Set ETS-42-SGS-AV30-Flat (ER)

5030054609

Single-leaf swing door drive set, comprising:
1 x ETS 42 (ER)
1 x SGS ETS 250-ER
1 x AV 30-ER
1 x FlatScan set, black

Set ETS-42-GS-ÖB-AV30-Flat (ER)

5030054611

Single-leaf swing door drive BG set, comprising:
1 x ETS 42 (ER)
1 x GS-ÖB-620-ER
1 x AV 30-ER
1 x FlatScan set, black

Set ETS-42-2-SGS-AV-30-Flat (ER)

5030066458

Single-leaf swing door drive set, comprising:
2 x ETS 42
2 x SGS 250
2 x AV-30-ER
2 x FlatScan sets, black
1 x V-ETS 42 (ER)

Set ETS-42-2-GS-ÖB-AV30-Flat V-ETS (ER)

5030055454

Double-leaf swing door drive set, comprising:
2 x ETS 42 (ER)
2 x GS-ÖB-620-ER
2 x AV 30-ER
2 x FlatScan sets, black
1 x V-ETS 42 (ER)

ETS 42-R



ETS 42-R

- Electric motor swing door drive EN 2-5,
for doors up to 150 kg, with FS/RS requirement.
- Height 70 mm, width 730 mm, depth 125 mm. Weight 8.2 kg
 - Ambient temperature -15 to +50°, max. relative humidity 85%, IP 20
 - Mains power: 230 V AC, 50 Hz, $1\frac{0}{13}$ A, power consumption max. 350 W.
 - Output power: 24 V DC, max. 1.4 A
 - Max. lintel depth 250 mm (SGS), 150 mm (GS)
 - Max. door opening angle 105°
 - Hold-open time 0...60 s / 0...180 s.
 - Motor back-check continuously adjustable without power (potentiometer)
 - Additional functions: Servo support, Push & Go, Low Energy
 - Design: Cover hood stainless steel, matt brushed

ETS 42-R (ER)

5030067722

ETS 42-R SETS – single-leaf

Set ETS 42-SGS-AV-30-Flat-HAT	5030071741	Single-leaf swing door drive set FS/RS (EN 6) with arm pushing opposite hinge side, comprising: 1 x ETS 42-R (ER) 1 x SGS ETS 250-ER
Set ETS 42-SGS-AV-30-Flat-HAT	5030071740	Single-leaf swing door drive set FS/RS (EN 4) with slide rail: 1 x ETS 42-R (ER) 1 x GS-620-OB-ER

All sets include:
1 x AV 30-ER
1 x FlatScan set, black
1 x HAT 02
1 x test book + inspection label

ETS 42-R SETS – double-leaf

Set ETS 42-R-SRI-SGS-ORS-HAT02-AV30-FlatScan	5030071739	Double-leaf swing door drive set FS/RS (EN 5), comprising: 2 x ETS 42-R with pre-assembled SRI 2 x SGS ETS 250-ER
Set ETS 42-R-SRI-GS-ORS-HAT02-AV30-FlatScan	5030071738	Double-leaf swing door drive set FS/RS (EN 6), comprising: 2 x ETS 42-R with pre-assembled SRI 2 x GS-620-ÖB-ER

All sets include:
2 x AV-30-ER
2 x FlatScan set, black
1 x medium cladding ETS 42
1 x HAT 02
1 x test book + inspection label

ETS 64-R



ETS 64-R

Electric motor swing door drive EN 3-6, for doors up to 250 kg, with FS/RS requirement.

- Tested in accordance with DIN 18263-4, approved by the DIBt/design certification
- Height 95 mm, width 690 mm, depth 120 mm. Weight 10.5 kg
- Ambient temperature -15 to +50°, max. relative humidity 85%, IP 40 (42)
- Mains power: 230 V AC, 50 Hz, $^{10}_{13}$ A, max. power consumption 560 W.
- Output power: 24 V DC, max. 2.0 A
- Max. lintel depth 250 mm (SGS), 50 mm (GS)
- Max. door opening angle 105°
- Hold-open time 0...60 s / 0...180 s.
- Motor back-check continuously adjustable without power (potentiometer)
- Additional functions: Servo support, Push & Go, Low Energy, wind load compensation
- Design: Cover hood stainless steel, matt brushed

ETS 64-R (ER)	5030014716	Swing door drive for doors up to 250 kg with FS/RS approval For slide rail, pulling (max. EN 5) or arm, pushing (max. EN 6)
ETS 64-R GDS (ER)	5030014717	Swing door drive for doors up to 250 kg with FS/RS approval For slide rail, pushing (max. EN 6)
ETS 64-R-IRM (ER)	5030034212	Swing door drive with integrated smoke switch For doors up to 250 kg with FS/RS approval For slide rail, pulling (max. EN 5) or arm, pushing (max. EN 6)
ETS 64-R-IRM GSD (ER)	5030034214	Swing door drive with integrated smoke switch For doors up to 250 kg with FS/RS approval For slide rail, pushing (max. EN 6)

ETS 64-R SETS – single-leaf

Set ETS 64-IRM-SGS-AV-30-Flat-HAT	5030057207	Single-leaf swing door drive set FS/RS (EN 6) with arm pushing opposite hinge side, comprising: 1 x ETS 64-R-IRM (ER) 1 x MPL set 64 1 x SGS ETS 250-ER 1 x AV 30-ER
Set ETS 64-IRM-GSD-AV-30-Flat-HAT	5030058461	Single-leaf swing door drive set FS/RS (EN 6) with slide rail pushing on opposite hinge side, comprising: 1 x ETS 64-R-IRM (ER) 1 x MPL set 64 1 x GS-620-ÖB-ER 1 x AV 30-ER
Set ETS-64-IRM-GSZ-AV-30-Flat-HAT	5030057208	Single-leaf swing door drive set FS/RS (EN 5) with slide rail pulling on hinge side: 1 x ETS-64-IRM-ER 1 x MPL set 64 1 x GS-620-ÖB-ER 1 x AV-30-ER

All sets include: 1 x FlatScan set, black, 1 x HAT 02, 1 x test book + inspection label

ETS 64-R SETS – double-leaf

Set ETS-64-IRM-2-SGS-SRI-AV-30-Flat-HAT	5030057210	Double-leaf swing door drive set FS/RS (EN 6), comprising: 1 x ETS 64-R (ER) active leaf 1 x ETS 64-R-IRM (ER) passive leaf 2 x MPL set 64 2 x SGS ETS 250-ER
Set ETS-64-IRM-2-GSZ-SRI-AV-30-Flat-HAT	On request	Double-leaf swing door drive set FS/RS (EN 6), comprising: 1 x ETS 64-R (ER) active leaf 1 x ETS 64-R-IRM (ER) passive leaf 2 x MPL set 64 2 x GS-620-ÖB-ER
Set ETS-64-IRM-2-GSD-SRI-AV-30-Flat-HAT	On request	Double-leaf swing door drive set FS/RS (EN 6), comprising: 1 x ETS 64-R-GSD-ER active leaf 1 x ETS 64-IRM-GSD-ER passive leaf 2 x GS-620-ÖB-ER 2 x MPL set 64 2 x SGS ETS 250-ER

All sets include:
1 x SRI
1 x CAN
2 x AV-30-ER
2 x FlatScan set, black
1 x V-ETS 73/64-ER
1 x HAT 02
1 x test book + inspection label

ETS 73



ETS 73

Electric motor swing door drive EN 3-7, for doors up to 400 kg, without FS/RS requirement.

- Height 95 mm, width 690 mm, depth 120 mm, weight 10.5 kg
- Ambient temperature -15 to +50°, max. relative humidity 85%, IP 40 (42)
- Mains power: 230 V AC, 50 Hz, 1 $\frac{1}{2}$ A, max. power consumption 560 W.
- Output power: 24 V DC, max. 2.0 A
- Max. lintel depth 250 mm (SGS), 150 mm (GS)
- Max. door opening angle 105°
- Hold-open time 0...60 s / 0...180 s.
- Motor back-check continuously adjustable without power (potentiometer)
- Additional functions: Servo support, Push & Go, Low Energy, wind load compensation, inverse function
- Design: Cover hood stainless steel, matt brushed

ETS 73 (ER)

5030014715

Swing door drive for doors up to 400 kg without FS/RS approval

ETS 73 Sets – single-leaf and double-leaf

Set ETS 73-SGS-AV30-Flat (ER)

5030057205

Single-leaf swing door drive set, comprising:
1 x ETS 73 (ER)
1 x SGS ETS 250-ER
1 x AV 30-ER
1 x FlatScan set, black

Set ETS-73-GS-ÖB-AV30-Flat (ER)

5030057206

Single-leaf swing door drive set, comprising:
1 x ETS 73 (ER)
1 x GS-ÖB-620-ER
1 x AV 30-ER
1 x FlatScan set, black

Set ETS-73-2-SGS_AV30_Flat_VETS (ER)

5030043375

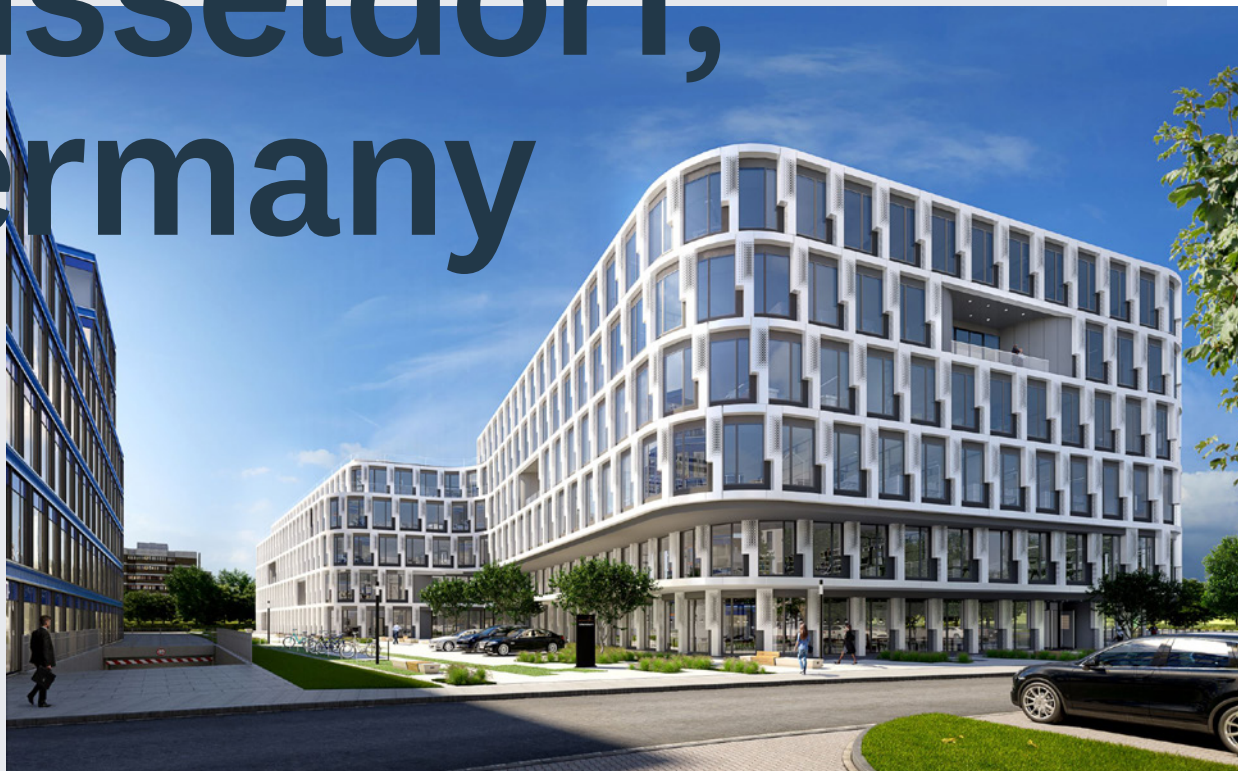
Double-leaf swing door drive set, comprising:
2 x ETS 73 (ER)
2 x SGS ETS 250-ER
2 x AV 30-ER
2 x FlatScan sets, black
1 x V-ETS 64/73 (ER)
1 x CAN cable

Set ETS-73-2-GS-ÖB-AV30-Flat_V-ETS (ER)

5030057211

Double-leaf swing door drive set, comprising:
2 x ETS 73 (ER)
2 x GS-ÖB-620-ER
2 x AV 30-ER
2 x FlatScan sets, black
1 x V-ETS 64/73 (ER)
1 x CAN cable

Infinity Office Düsseldorf, Germany



The free shape of the building – a horizontal figure-of-eight as the symbol for infinity – is what makes the Infinity Office in Düsseldorf so special.

State-of-the-art architecture and technical expertise are combined on 18,000 square metres of rental space.

ECO Schulte won the door contract based on its impressive product portfolio and professional planning, advice and sampling:

all the functional doors required were equipped with our mechanical or automated system technology for the door.

ETS 64-R with electric motor drives were also used.

Products used

- Electric motor swing leaf door operator ETS 64-R
- Door closer TS-62
- Electromagnetic hold-open device with smoke detector EFR III with TS-62
- OGL and SGL Click rosette fittings
- GBS locks
- Horizon OBX-18 commercial hinges
- Door stops for the floor and wall

FlatScan 2D

Door leaf and secondary closing edge monitoring with laser sensors



FlatScan 2D set

- Laser sensor set for monitoring door leaf movements
- In compliance with EN 16005 and DIN 18650-1/-2
- Set comprising 2 laser modules each with integrated mirror that rotates 360° to detect door leaf movements and the secondary closing edge
- Incl. connecting cables
- Adjustable tilt angle
- Self-programming wall fade-out function, greyscale adjustment
- FlatScan in public areas: additional finger guard or equivalent recommended
- Dimensions: Height 85 mm, width 142 mm, depth 33 mm (installation base +7 mm)
- Power supply: 12 – 24 V DC ±15%
- Protection rating: IP 54
- Ambient temperature: -30 to +60°C
- Air humidity: 0–95%
- Max. detection range: 4 m (diagonal)
- With 2% reflectivity (e.g.: for W = 1.5 m -> max. H = 3.7 m)

FlatScan 2D set, black	5030033586	2 sensors (for hinge side and opposite hinge side)
FlatScan 2D set, white	5030033585	2 sensors (for hinge side and opposite hinge side)
FlatScan 2D set, silver	5030033584	2 sensors (for hinge side and opposite hinge side)

Accessories

FlatScan Fire Door Kit	5030041678	<ul style="list-style-type: none"> ▪ Comprising a cable with one-sided terminal + separate terminal block ▪ For 6 mm holes
FlatScan Protection DIN-L, aluminium	5030053303	<ul style="list-style-type: none"> ▪ Protective hood for FlatScan ▪ Anodised aluminium ▪ Left model
FlatScan Protection DIN-R, aluminium	5030053304	<ul style="list-style-type: none"> ▪ Protective hood for FlatScan ▪ Anodised aluminium ▪ Right model
FlatScan Protection DIN-L, black	5030053305	<ul style="list-style-type: none"> ▪ Protective hood for FlatScan ▪ Black painted aluminium ▪ Right model
FlatScan Protection DIN-R, black	5030053306	<ul style="list-style-type: none"> ▪ Protective hood for FlatScan ▪ Black painted aluminium ▪ Left model

FlatScan 3D

Door leaf and secondary closing edge monitoring with laser sensors



FlatScan 3D set

- Laser sensor set for monitoring door leaf movements
- In compliance with EN 16005 and DIN 18650-1/-2
- Set comprising 2 laser modules each with integrated mirror that rotates 360° to detect door leaf movements and the secondary closing edge
- Incl. connecting cables
- Adjustable tilt angle
- Self-programming wall fade-out function, greyscale adjustment
- FlatScan in public areas: additional finger guard or equivalent recommended
- FlatScan 3D also ensures secondary closing edges are fully secure
- Can optionally be used as an opening signal.
- Dimensions: Height 88 mm, width 145 mm, depth 60 mm (mounting plate +7 mm)
- Power supply: 12–24 V DC ±15%
- Protection rating: IP 44
- Ambient temperature: -25 to +60°C
- Air humidity: 0–95%
- Max. detection range: 4 m (diagonal)
- With 2% reflectivity (e.g.: for W = 1.5 m -> max. H = 3.7 m)

FlatScan 3D set, black

5030066313

- 4 light curtains for increased security
- 2 sensors (for hinge side and opposite hinge side)

FlatScan 3D set, white

5030065956

- 4 light curtains for increased security
- 2 sensors (for hinge side and opposite hinge side)

FlatScan 3D set, silver

5030066316

- 4 light curtains for increased security
- 2 sensors (for hinge side and opposite hinge side)

Accessories

FlatScan Fire Door Kit

5030041678

- Comprising a cable with one-sided terminal + separate terminal block
- For 6 mm holes

FlatScan Protection DIN-L, aluminium

5030053303

- Protective hood for FlatScan
- Anodised aluminium
- Left model

FlatScan Protection DIN-R, aluminium

5030053304

- Protective hood for FlatScan
- Anodised aluminium
- Right model

FlatScan Protection DIN-L, black

5030053305

- Protective hood for FlatScan
- Black painted aluminium
- Right model

FlatScan Protection DIN-R, black

5030053306

- Protective hood for FlatScan
- Black painted aluminium
- Left model

Sensor strips

Door leaf monitoring with infrared sensors

Sensor strip set III		<p>Sensor strip set for monitoring door leaf movements</p> <ul style="list-style-type: none"> ▪ In compliance with EN 16005 and DIN 18650-1/-2 ▪ Additional protective measures (such as a finger guard) are required to secure the secondary closing edges. ▪ The set consists of 2 sensor strips each with integrated sensor modules and connecting cables ▪ Modules with infrared sensors, adjustable tilt angle, wall fade-out function via configuration at the ETS, greyscale adjustment ▪ The length of the sensor strips can be adjusted to the door leaf width on site ▪ Dimensions: Height 85 mm × width 142 mm × depth 33 mm (installation base +7 mm) ▪ Power supply: 12–24 V AC ±10%; 12–30 V DC -5% to +10% ▪ Protection rating: IP 54 ▪ Ambient temperature: -25 to +55°C ▪ Air humidity: 0–95% ▪ Max. detection range: Width 400 mm, depth 70 mm (4 spots at 2 m mounting height) ▪ Mounting height: 1.3–3.5 m <p>Output:</p> <ul style="list-style-type: none"> ▪ 2 relays (potential-free contact) ▪ Max. contact voltage: 42 V AC/DC ▪ Max. switching current: 1 A (ohmic load) ▪ Max. switching capacity: 30 W (DC) / 42 V A (AC) <p>Input:</p> <ul style="list-style-type: none"> ▪ 1 optocoupler (potential-free) ▪ Max. contact voltage: 30 V ▪ Estimated service life: 20 years (optional)
Sensor strip set III	5030019133	<p>Sensor strip set III BEA 4SAFE</p> <ul style="list-style-type: none"> ▪ 2 sensor strips (for hinge side and opposite hinge side) ▪ With 2 infrared modules each ▪ Maximum door leaf width – monitoring area: 1200 mm
Sensor strip accessories		
Rain hood SL 1100	5030030550	<p>Rain hood for sensor strip 4 Safe RA 1100 (outdoor use)</p> <ul style="list-style-type: none"> ▪ Transparent, can be retrofitted
Rain hood SL 1500	5030034175	<p>Rain hood for sensor strip 4 Safe RA 1500 (outdoor use)</p> <ul style="list-style-type: none"> ▪ Transparent, can be retrofitted
Fire door kit 4SAFE	5030041660	<p>Fire protection kit for 4SAFE, for 6 mm holes, comprising:</p> <ul style="list-style-type: none"> ▪ Cable with one-sided terminal ▪ With separate terminal block
Cable Power 4Safe 5 m	5030037455	<ul style="list-style-type: none"> ▪ Separate lead from drive to BEA4Safe for cables that need to cover long distances or integrated cable via cable connection ▪ Length 5 m
Finger guard, standard, black	5030000895	<p>Finger guard for securing the secondary closing edge, to be retrofitted</p> <ul style="list-style-type: none"> ▪ Length 1925 mm ▪ Guard colour black ▪ Incl. fixing accessories
NR-26 W-Proof 2150	5030025021	<p>Finger guard NR-26 W, to be retrofitted</p> <ul style="list-style-type: none"> ▪ Weatherproof, waterproof ▪ Length 2150 mm ▪ Guard colour black ▪ Incl. fixing accessories.

Radar detector



Radar detector

- Motion sensor with radar detection for controlling the ETS
- Detects direction, masks cross traffic
- Adjustable field of detection
- Operating voltage 24 V DC
- Choice of normally closed and normally open contact
- Dimensions: Height 50 mm, width 120 mm, depth 50 mm
- Power supply: 12–24 V AC $\pm 10\%$ (50–60 Hz); 12–24 V DC +30% to -10%
- Protection rating: IP 54
- Product-specific:
- Mounting height: from 1.8–4 m
- Max. detection range: 4 m x 2 m (wide field); 2 m x 2.2 m (narrow field)

Eagle Artec radar, black	5030066280	Motion sensor <ul style="list-style-type: none"> ▪ Black
Eagle Artec radar, white	5030066291	Motion sensor <ul style="list-style-type: none"> ▪ White
Eagle Artec radar, silver	5030066293	Motion sensor <ul style="list-style-type: none"> ▪ Silver
Artec Retrofit Interface	5030066295	Connection adapter for on-site cables without plugs

Note: Rain hood mandatory for outdoor use

Accessories

Rain hood	5030067214	
Remote control	5030041679	Remote control for easier parameter setting of FlatScan & Eagle Artec

Bedix



Door leaf and secondary closing edge monitoring with laser sensors

Bedix		<p>External operation and programming console for wall mounting in-wall or on-wall</p> <ul style="list-style-type: none"> ▪ With illuminated two-line display and 4 control buttons ▪ Functions (password-protected) ▪ All parameters and configurations are adjustable ▪ Diagnostics menu and error analysis ▪ Remote reset/teach ▪ Different program types can be set: Automatic, KEY, always open, manual, one-way ▪ Voltage supply: 12-24 V ▪ Protection rating: IP 20 ▪ Dimensions: Height 85 mm, width 85 mm
BEDIX (UP)	5030024838	Operation and programming console (in-wall installation)
AP-BEDIX	5030026428	On-wall installation frame for D-BEDIX
Combi BEDIX PZ-AP	5030037345	<p>Combination device comprising Bedix and a key switch for unlocking (unauthorised use)</p> <ul style="list-style-type: none"> ▪ Set up for on-site PZ ▪ Incl. double on-wall frame
Combi BEDIX PZ-UP	5030035366	<p>Combination device comprising Bedix and a key switch for unlocking (unauthorised use)</p> <ul style="list-style-type: none"> ▪ Set up for on-site PZ ▪ For in-wall installation

Programming switch





Programming switch		<ul style="list-style-type: none"> ▪ For setting the 'Automatic - Night - Manual - Always open' functions ▪ Mechanical, quadruple-stop twist knob, non-locking, for indoor use, suitable for on-wall and in-wall installation ▪ Colour: white (matt)
PRS-04-AP/UP	5030055198	Operating and programming devices (on-wall or in-wall installation)

Flip switch

Door leaf and secondary closing edge monitoring with laser sensors



Flip switch		<ul style="list-style-type: none"> Flip switch for controlling the ETS Suitable for wall mounting Single pulse for activating a normally closed contact on the ETS For wired or wireless (radio transmission) control of the drive
GFT ECO AP-ws	5030045153	<p>Flip switch with icon for one-off unlocking of ETS</p> <ul style="list-style-type: none"> Nylon, white Height 174 mm, width 93 mm, depth 24 mm On-wall installation incl. frame Dimensions: 174 x 93 x 24 mm Power supply: 12–24 V AC $\pm 10\%$; 12–30 V DC -5% to +10% Protection rating: IP 20 Ambient temperature: -25 to +55°C Air humidity: 0–95% Max. detection range: Width 400 mm, depth 70 mm (4 spots at 2 m mounting height) Mounting height: 1.3–3.5 m <p>Output:</p> <ul style="list-style-type: none"> 2 relays (potential-free contact) Max. contact voltage: 42 V AC/DC Max. switching current: 1 A (ohmic load) Max. switching capacity: 30 W (DC) / 42 V A (AC) <p>Input:</p> <ul style="list-style-type: none"> 1 optocoupler (potential-free) Max. contact voltage: 30 V Estimated service life: 20 years (optional)
GFT-UP-ER	5030038040	<p>Jung flip switch system, 'Open door' rocker switch</p> <ul style="list-style-type: none"> Height 225 mm, width 83 mm Stainless steel For in-wall installation
GFT-AP-ER	5030028468	<p>Jung flip switch system, 'Open door' rocker switch</p> <ul style="list-style-type: none"> Height 225 mm, width 83 mm Stainless steel For in-wall installation
AP-GFT	5030014721	<p>Separate on-wall box for GFT-UP-ER, Jung system</p> <ul style="list-style-type: none"> Triple frame for converting from GFT-UP-ER to GFT-AP-ER
Accessories		
GFT radio set R123 + T3HD	 5030066497	For installation in ETS and GFT
GFT radio transmitter T3HD	 5030066495	For installation in GFT

Contactless button



Magic Switch



BFT 100

Contactless button		<p>Contactless button for germ-free use in hospitals, etc.</p> <ul style="list-style-type: none"> Activation of the ETS opening signal by holding up hand, etc. in front of the button (contactless) Depending on model, range between 50 and 500 mm
Magic Switch Croma, UP	5030060645	<ul style="list-style-type: none"> MS Chroma – ADC-BWC-UP, in-wall installation for indoor use, nylon, white Dimensions: Height 80 mm, width 80 mm, depth 21 mm Power supply: 12–24 V AC $\pm 10\%$ (50–60 Hz); 12–24 V DC +30% to -10% Protection rating: IP 65 (if the front and seal are mounted on a smooth surface) Ambient temperature: -20 to +55°C Max. detection range: ± 10–60 cm, when movement towards the sensor is at 90° (adjustable) <p>Output:</p> <ul style="list-style-type: none"> Electronic relay (galvanic isolation – no polarity) Max. voltage: 42 V DC / 30 V AC Max. current: 100 mA Max. switching capacity: 15 W
Magic Switch Croma, AP	5030060647	<ul style="list-style-type: none"> MS Chroma – ADC-BWC-AP, on-wall installation for indoor use, nylon, white Dimensions: Height 80 mm, width 80 mm, depth 21 mm Power supply: 12–24 V AC $\pm 10\%$ (50–60 Hz); 12–24 V DC +30% to -10% Protection rating: IP 65 (if the front and seal are mounted on a smooth surface) Ambient temperature: -20 to +55°C Max. detection range: ± 10–60 cm, when movement towards the sensor is at 90° (adjustable) <p>Output:</p> <ul style="list-style-type: none"> Electronic relay (galvanic isolation – no polarity) Max. voltage: 42 V DC / 30 V AC Max. current: 100 mA Max. switching capacity: 15 W
BFT 100 - Set ER	5030024865	<p>Illuminated, contactless infrared button (100 mm range)</p> <ul style="list-style-type: none"> With stainless steel plate Height 80 mm, width 80 mm Protection class: IP 65, suitable for outdoor use (in-wall installation)
AP-BFT 100	5030028709	<p>Stainless steel housing for BFT 100</p> <ul style="list-style-type: none"> On-wall box height 80 mm, width 80 mm







Key switch



Key switch		<p>For one-off unlocking of the drive, e.g., for the night function</p> <ul style="list-style-type: none"> ▪ The door opening time can be set between 0 and 180 s (On-wall model for outdoor use with IP 44) ▪ Profile half-cylinder, in building ▪ Dimensions: Height 75 mm, width 75 mm ▪ Power supply: 12-24 V AC $\pm 10\%$ (50-60 Hz); 12-24 V DC +30% to -10% ▪ Protection rating: IP 65 (if the front and seal are mounted on a smooth surface) ▪ Ambient temperature: -20 to +55 °C
ST-01 AP	5030056921	<p>Operating and programming devices (on-wall installation)</p> <ul style="list-style-type: none"> ▪ Max. detection range: $\pm 10-60$ cm, when movement towards the sensor is at 90° (adjustable) <p>Output:</p> <ul style="list-style-type: none"> ▪ Electronic relay (galvanic isolation – no polarity) ▪ Max. voltage: 42 V DC / 30 V AC ▪ Max. current: 100 mA ▪ Max. switching capacity: 15 W
ST-02 UP	5030055331	<p>Operating and programming devices (in-wall installation)</p> <ul style="list-style-type: none"> ▪ Max. detection range: $\pm 10-60$ cm, when movement towards the sensor is at 90° (adjustable) <p>Output:</p> <ul style="list-style-type: none"> ▪ Electronic relay (galvanic isolation – no polarity) ▪ Max. voltage: 42 V DC / 30 V AC ▪ Max. current: 100 mA ▪ Max. switching capacity: 15 W
ST-03 AP (IP 44)	5030029467	<p>Operating and programming devices (on-wall installation)</p> <ul style="list-style-type: none"> ▪ Protection class: IP 44 ▪ Note: Does not fit in standard in-wall boxes!
PHZ 35/10	5030055570	<p>Profile half-cylinder 35 mm / 10 mm with 3 keys</p> <ul style="list-style-type: none"> ▪ For the key switch or Combi BEDIX mentioned above

Standard door openers


Red/operating current (closed without power)

Standard door openers			<ul style="list-style-type: none"> ▪ Radius latch ▪ Closed without power ▪ Momentary contact: 10–24 V AC/DC ▪ Continuous operation: 12 V DC (11.5...13 V DC) ▪ DIN left / DIN right independent ▪ Adjustable latch bolt: 3 mm ▪ Latch bolt depth: 5.1 mm ▪ Locking force: 3230 N ▪ Max. latch bolt preload at 12 V AC: 250 N ▪ Max. latch bolt preload at 24 V AC: 360 N ▪ Max. latch bolt preload at 12 V DC (stabilised): 50 N
Standard door opener 12V ASP RF B3000--K		5030036228	<ul style="list-style-type: none"> ▪ Dimensions: Height 66 mm, width 16 mm, depth 25.5 mm ▪ Includes bipolar protective diode
Standard door opener 12V ASP RF B3000-TK		5030036239	<ul style="list-style-type: none"> ▪ Dimensions: Height 66 mm, width 20.1 mm, depth 25.5 mm ▪ Includes bipolar EMC protective diode ▪ Top latch bolt guidance
Standard door opener 12V ASP RF TK B3001--K		5030036238	<ul style="list-style-type: none"> ▪ Dimensions: Height 74 mm, width 16 mm, depth 25.5 mm ▪ Includes micro switch as a door monitoring contact (TK) ▪ Includes bipolar protective diode
Standard door opener 12V ASP RF TK Top B3001-TK		5030036242	<ul style="list-style-type: none"> ▪ Dimensions: Height 74 mm, width 20.1 mm, depth 25.5 mm ▪ Includes micro switch as a door monitoring contact ▪ Includes bipolar EMC protective diode ▪ Top latch bolt guidance
Standard door opener 12V ASP RF E B3010--K		5030036276	<ul style="list-style-type: none"> ▪ Dimensions: Height 66 mm, width 16 mm, depth 25.5 mm ▪ Includes mechanical unlocking ▪ Includes bipolar protective diode
Standard door opener 12V ASP RF E Top B3010-TK		5030036280	<ul style="list-style-type: none"> ▪ Dimensions: Height 66 mm, width 20.1 mm, depth 25.5 mm ▪ Includes mechanical unlocking ▪ Includes bipolar EMC protective diode ▪ Top latch bolt guidance
<p>Note: Standard openers do not have fire protection approval; they are only approved for smoke control. All standard door openers are also available in a 24 V version on request.</p>			

Fire door openers



Operating current (closed without power)

Fire door openers		<ul style="list-style-type: none">▪ Radius latch▪ Closed without power▪ Momentary contact: 10–24 V AC/DC▪ Continuous operation: 12V DC (11...13V DC)▪ DIN left / DIN right independent▪ Adjustable latch bolt: 3 mm▪ Latch bolt depth: 5.1 mm▪ Locking force: 3230 N▪ Max. latch bolt preload at 12V AC: 250 N▪ Max. latch bolt preload at 24 V AC: 360 N▪ Max. latch bolt preload at 12V DC (stabilised): 50 N	
Fire door opener 12V ASP RF F3000--K	5030066479	<ul style="list-style-type: none">▪ Dimensions: Height 66 mm, width 16 mm, depth 26.6 mm▪ Includes bipolar protective diode	▪ 12 V
Fire door opener 12V ASP RF Top F3000--TK	5030066484	<ul style="list-style-type: none">▪ Dimensions: Height 66 mm, width 16 mm, depth 26.6 mm▪ Includes bipolar protective diode▪ Includes latch bolt guidance	▪ 12 V
Fire door opener 12V ASP RF TK Top F3001--K	 5030066483	<ul style="list-style-type: none">▪ Dimensions: Height 74 mm, width 16 mm, depth 26.6 mm▪ Includes micro switch as a door monitoring contact (TK)▪ Includes bipolar protective diode	▪ 12 V
Fire door opener 12V ASP RF TK Top F3001-TK	 5030066485	<ul style="list-style-type: none">▪ Dimensions: Height 74 mm, width 16 mm, depth 26.6 mm▪ Includes micro switch as a door monitoring contact▪ Includes bipolar protective diode▪ Includes latch bolt guidance	▪ 12 V
Fire door openers		<ul style="list-style-type: none">▪ Radius latch▪ Closed without power▪ Momentary contact: 22–48 V AC/DC▪ Continuous operation: 24 V DC (22...26 V DC)▪ DIN left / DIN right independent▪ Adjustable latch bolt: 3 mm▪ Latch bolt depth: 5.1 mm▪ Locking force: 3230 N▪ Max. latch bolt preload at 24 V AC: 360 N▪ Max. latch bolt preload at 24 V DC (stabilised): 220 N	
Fire door opener 24V ASP RF F3000--L	 5030014726	<ul style="list-style-type: none">▪ Dimensions: Height 66 mm, width 16 mm, depth 26.6 mm▪ Includes bipolar protective diode	▪ 24 V

Closed-circuit current door openers

Opened without power

Closed-circuit current door openers 24 V

- Radius latch
- Opened without power
- Momentary contact: 10–24 V AC/DC
- Continuous operation: 24 V DC (22...26 V DC)
- DIN left / DIN right independent
- Adjustable latch bolt: 3 mm
- Latch bolt depth: 5.1 mm
- Locking force: 3230 N

Closed-circuit current door opener 24V RSP RF B3300--L



5030066388

- Dimensions: Height 66 mm, width 16 mm, depth 25.5 mm
- Includes bipolar EMC protective diode

Closed-circuit current door opener 24V RSP RF TK B3301--L



5030066390

- Dimensions: Height 74 mm, width 16 mm, depth 25.5 mm
- Includes micro switch as a door monitoring contact (TK)
- Includes bipolar EMC protective diode

Note: Closed-circuit current door openers are not approved for use as emergency exits.

Preload door openers



Preload door openers 12 V

- Radius latch
- Closed without power
- Momentary contact: 10–24 V DC
- Continuous operation: 12 V DC (12...13.5 V DC)
- DC current consumption (stabilised): 330 mA
- DIN left / DIN right independent
- Without latch bolt guidance/type A
- Adjustable latch bolt: 3 mm
- Latch bolt depth: 4.6 mm
- Locking force: 3230 N
- Max. latch bolt preload at 12 V DC (stabilised): 200 N
- Ideal for swing leaf door operators

**Preload door opener 12V ASP
RF B5000--K**



5030036258

- Dimensions: Height 81.95 mm, width 17.85 mm, depth 26.6 mm

**Preload door opener 12V ASP
RF TK B5001--K**



5030036268

- Dimensions: Height 90.3 mm, width 17.85 mm, depth 26.6 mm
- Includes micro switch as a door monitoring contact (TK)

**Preload door opener 12V ASP
RF E B5010--K**



5030036289

- Dimensions: Height 81.95 mm, width 17.85 mm, depth 26.6 mm
- Includes mechanical unlocking

Strike plates

Strike plates

**Flat strike plate, short, 200 ×
25 × 3 mm rectangular
for TV5, N8 & 331**

5030062450

Strike plate for emergency exit door opener

**Angled strike plate, short,
220 × 30 / 48 × 3 mm rounded, L**

5030062451

Strike plate for emergency exit door opener

**Angled strike plate, short, 220
× 30 / 48 × 3 mm, rounded, R**

5030062452

Strike plate for emergency exit door opener

Accessible WC solutions

Pull-cord switch / pull-rope

Pull-cord switch	5030050943	Pull-cord switch for disabled WC <ul style="list-style-type: none"> ▪ Jung system ▪ Protection class: IP 44 (without rope)
Pull-rope (extension 2 m)	5030055211	Pull-rope for pull-cord switch for disabled WC <ul style="list-style-type: none"> ▪ Jung system ▪ Length: 2,100 mm

EMERGENCY button

EMERGENCY button, in-wall, red	5030052779	EMERGENCY button, illuminated <ul style="list-style-type: none"> ▪ Jung system ▪ Red under glass (in-wall installation)
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Signal lights

Lights red/green, stainless steel housing 130 x 40 mm, 1½ V DC	5030055349	Signal light red + green to indicate the status of the disabled WC door
Signal light red	5030047688	Signal light red <ul style="list-style-type: none"> ▪ As in-wall/on-wall LED indicator ▪ Protection class: IP 20 ▪ 10–27 V DC ▪ Screw connections ▪ Colour: White ▪ Dimensions: Height 88 mm, width 88 mm, depth 25 mm, without in-wall/on-wall socket (Swiss style)
Signal light green	5030047689	Signal light green <ul style="list-style-type: none"> ▪ As in-wall/on-wall LED indicator ▪ Protection class: IP 20 ▪ 10–27 V DC ▪ Screw connections ▪ Dimensions: Height 88 mm, width 88 mm, depth 25 mm, without in-wall/on-wall socket (Swiss style)

The ultimate lifesaver

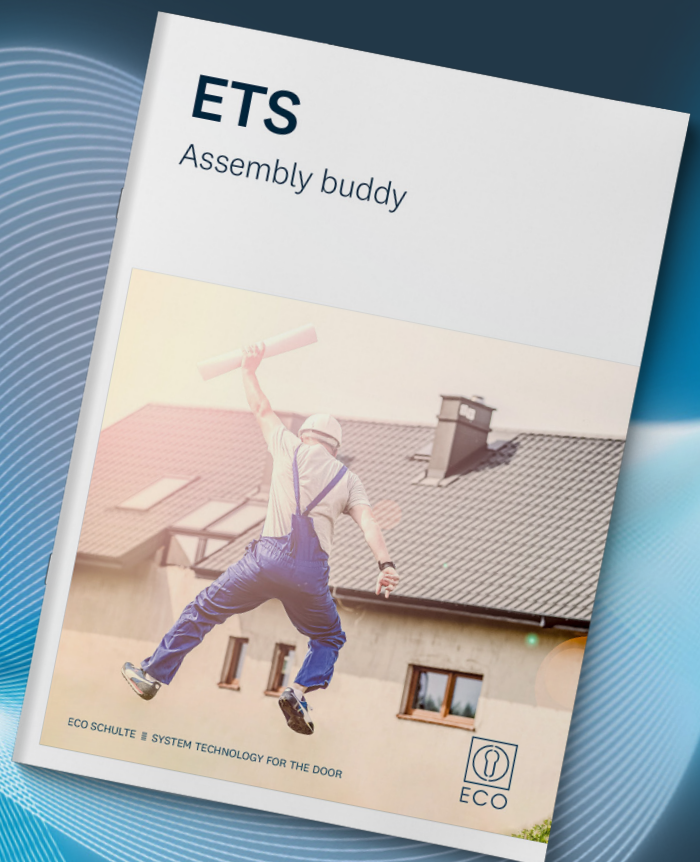
ETS installation buddy

Your personal aid will provide support with all of your questions relating to ECO Schulte ETS automatic drives.

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Smoke detectors

Smoke switches

ORS 142 W ws		5030019560	<p>Hekatron lintel-mounted smoke switch for triggering the ETS 64-R, incl. cover hood in white</p> <ul style="list-style-type: none"> ▪ Dimensions: Height 35 mm, width 127 mm, depth 35 mm ▪ Power supply: 18–28 V DC ▪ Protection rating: IP 40 ▪ Ambient temperature: -20 to +75°C ▪ Functional principle: Diffused light <p>Current consumption at 28 V DC:</p> <ul style="list-style-type: none"> ▪ Max. 22 mA in standby ▪ Max. 11 mA during alarm ▪ Max. 16 mA during malfunction <p>Activation threshold:</p> <ul style="list-style-type: none"> ▪ Smoke in accordance with EN 54-7 ▪ Temperature approx. 70°C
ORS 142 W si		5030022730	<ul style="list-style-type: none"> ▪ Hekatron lintel-mounted smoke switch for triggering the ETS 64-R, incl. cover hood in silver ▪ Dimensions: Height 35 mm, width 127 mm, depth 35 mm ▪ Power supply: 18–28 V DC ▪ Protection rating: IP 40 ▪ Ambient temperature: -20 to +75°C ▪ Functional principle: Diffused light <p>Current consumption at 28 V DC:</p> <ul style="list-style-type: none"> ▪ Max. 22 mA in standby ▪ Max. 11 mA during alarm ▪ Max. 16 mA during malfunction <p>Activation threshold:</p> <ul style="list-style-type: none"> ▪ Smoke in accordance with EN 54-7 ▪ Temperature approx. 70°C
ORS 142 ws		5030042528	<ul style="list-style-type: none"> ▪ Hekatron ceiling-mounted optical smoke switch for triggering the ETS 64-R, used for doors with a lintel height of more than 1 m, incl. cover hood in white ▪ Dimensions: Height 33 mm, Ø 80 for in-wall mounting ▪ Power supply: 18–28 V DC ▪ Protection rating: IP 42 ▪ Ambient temperature: -20 to +60°C ▪ Functional principle: Diffused light <p>Current consumption at 28 V DC:</p> <ul style="list-style-type: none"> ▪ Max. 22 mA in standby ▪ Max. 11 mA during alarm ▪ Max. 16 mA during malfunction <p>Activation threshold:</p> <ul style="list-style-type: none"> ▪ Smoke in accordance with EN 54-7 ▪ Temperature 70°C ±5°C
Set ORS 142 ws		5030042530	<p>Complete set, comprising:</p> <ul style="list-style-type: none"> ▪ 2 x ORS 142 ▪ 2 x installation base 143-A ▪ 2 x terminal resistor
ORS 142 AT ws		5030056768	<p>Replacement detector for existing FSA with abZ approval before 7/2019</p>

Thermal differential switch

TDS 247



5030000759

Hekatron thermal differential switch for triggering the ETS 64-R

- Used for doors with a lintel height of more than 1 m
- Incl. white cover hood
- Not suitable for use in escape routes

On-wall/in-wall bases

143-A



5030000752

On-wall base for ORS 142

- Dimensions: Height 33 mm, Ø 80 mm

143 UH



5030000753

In-wall base for ORS 142

- Dimensions: Screen height 42.5 mm, Ø 114 mm
- Installation dimensions: Height 34 mm, Ø 96 mm

Manual switches

HAT 02



5030000748

Hekatron manual switch (normally closed contact) on-wall/in-wall

- For switching off the hold-open system ETS 64-R
- Red switch surface
- 'Close door' text in white
- Dimensions: Height 81 mm, width 81 mm, depth 16 mm (installation depth of 27 mm for in-wall mounting)
- Mounting type: On-wall
- Power supply: Max. 30 V DC
- Protection rating: IP 20
- Mounting type: In-wall/on-wall

HAT 03



5030015359

Hekatron on-wall/in-wall manual switch for installation in wet rooms (normally closed contact)

- For switching off the hold-open system ETS 64-R
- Red switch surface
- 'Close door' text in white
- Dimensions: Height 75 mm, width 75 mm, depth 55 mm
- Power supply: Max. 30 V DC
- Protection rating: IP 44
- Mounting type: On-wall

AM 142







5030015352

Terminating module for wiring in the manual switch






- For applications involving line monitoring
- Not necessary for use with ETS 64-R, as already included

ETS accessories


Arms

SGS ETS 250-ER	 5030054061	Arm for ETS 42/64/73 <ul style="list-style-type: none"> ▪ Flat design ▪ For pushing installation on opposite hinge side up to a lintel depth of 250 mm ▪ Stainless steel design ▪ Incl. fixing accessories
GS-ÖB-620-ER	 5030054059	Slide rail for ETS 42/64/73 <ul style="list-style-type: none"> ▪ For pulling (hinge side) and pushing (opposite hinge side) installation ▪ With integrated adjustable opening limiter ▪ Flat design ▪ Length 620 mm ▪ Stainless steel design ▪ Incl. fixing accessories
ER full cover for GS-620-ER	5030066168	Cover hood for GS-ÖB-620-ER made of stainless steel, matt brushed <ul style="list-style-type: none"> ▪ With hook and loop system
NG	 5030014711	ETS standard arm for lintel up to max. 240 mm
NG 400	 5030034180	ETS standard arm extended for lintel up to 400 mm (total length 750 mm) <ul style="list-style-type: none"> ▪ Material: Stainless steel V2A ▪ Not approved for use in FS/RS!


Axis extensions

AV 12-ER	 5030059042	Axis extension 12 mm for GS-ÖB-620 and SGS-ETS-250 <ul style="list-style-type: none"> ▪ Stainless steel design
AV 20-ER	 5030054519	Axis extension 20 mm for GS-ÖB-620 and SGS-ETS-250 <ul style="list-style-type: none"> ▪ Stainless steel design
AV 30-ER	 5030054520	Axis extension 30 mm for GS-ÖB-620 and SGS-ETS-250 <ul style="list-style-type: none"> ▪ Stainless steel design
KS 20 (+20 mm)	 5030014705	Axis extension 20 mm for GS-620 and NG
KS 50 (+50 mm)	 5030019202	Axis extension 50 mm for GS-620 and NG



Mounting plate

ETS MPL Set 64 / 73	 5030019684	Mounting plate for ETS 64-R and ETS 73 (optional) <ul style="list-style-type: none"> ▪ Incl. fixing accessories ▪ Use of the MPL is mandatory for FS/RS doors.
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Retrofitting of double-leaf ETS 64/73

SRI ETS 64 / 73	 5030025059	Assembly kit: integrated, mechanical door coordinator for retrofitting double-leaf ETS 64 / 73 (FS/RS, escape routes)
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Medium cladding sets

V-ETS-42 (ER)	 5030055468	<p>Medium cladding set for ETS 42</p> <ul style="list-style-type: none"> ▪ Comprising hood, mounting plate and fixing accessories ▪ Length 780 mm, for fixing axis (BA) up to 2,200 mm, can be cut to length on site ▪ Stainless steel
V-ETS-73/64 (ER)	 5030059283	<p>Medium cladding set for ETS 64/73</p> <ul style="list-style-type: none"> ▪ Comprising hood, mounting plate and fixing accessories ▪ Length 1,450 mm, for fixing axis (BA) up to 2,800 mm, can be cut to length on site ▪ Stainless steel

Services

V-ETS shortened	5030041872	<p>Medium cladding V-ETS-73/64 (ER)</p> <ul style="list-style-type: none"> ▪ Hood and mounting plate cut to desired size (precise hinge gap dimensions required)
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ETS breadboard

FS board	 5030014636	<p>Fire safety print (breadboard) for retrofitting in the ETS 64-R</p>
RSP-73/64 -Relay board	 5030014720	<p>Relay board (breadboard)</p> <ul style="list-style-type: none"> ▪ With 4 freely programmable relays ▪ Door status monitoring (door monitoring, forwarding to BMS)
RSP 42 -Relay board	 5030060546	<p>Relay board (breadboard)</p> <ul style="list-style-type: none"> ▪ With 4 freely programmable relays ▪ Door status monitoring for ETS 42/42-R
Radio set ETS board	 5030014727	<p>Radio set</p> <ul style="list-style-type: none"> ▪ Comprising receiver unit with antenna (breadboard) and 1 handheld transmitter, range of up to 50 m ▪ Dimensions: Height 40 mm, width 80 mm, depth 11 mm ▪ Temperature range: -10 to +55°C ▪ Battery: SR 2032 3V
Handheld radio trans- mitter	 5030014699	<p>Additional handheld radio transmitter</p> <ul style="list-style-type: none"> ▪ Separately programmable on ETS radio board

Connecting cable

ETS CAN cable 3.2 m	5030014701	<p>Connecting cable for connecting 2 ETS 64/73 (electronic door coordinator)</p>
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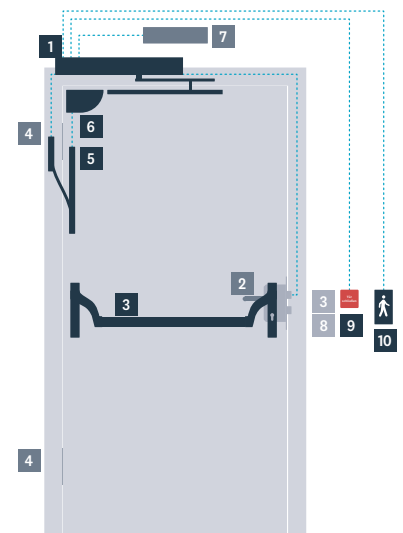
Mechanical opening limiter

ETS opening stop	 5030014702	<p>Optional mechanical opening limiter/stop for SGS-ETS-250 if a floor-mounted door stop cannot be used.</p>
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ETS application examples

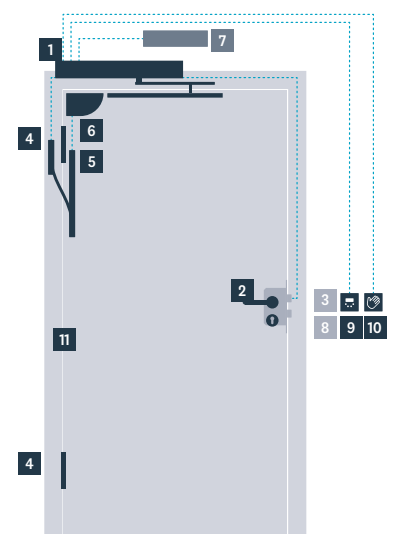
Barrier-free emergency exit door with fire protection

Item	Equipment
1	ETS 64 R (opens via Push&Go - EPN)
2	OGL short plate D-110 handle
3	EPN 900 IV + GBS 92
4	Horizon OBX-18 hinge
5	Cable connection
6	FlatScan
7	Radar
8	E-opener for fire protection and bolt switch contact
9	HAT 02
10	ECO GFT



Accessible touch-free door

Item	Equipment
1	ETS 42-Servo with GS 620 ÖB + axle pin 38
2	D/D panic fitting
3	GBS-92
4	Horizon OBX-18 hinge
5	Cable connection
6	FlatScan
7	Radar
8	E-opener and bolt switch contact
9	Bedix
10	Magic Switch
11	Finger guard (optional)

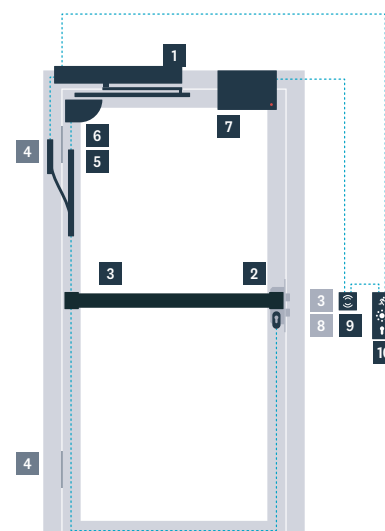


Examples of electrically controlled emergency exits

- For use when panic situations are unlikely.
- The system is operated using a code/reader, keypad or key switch.

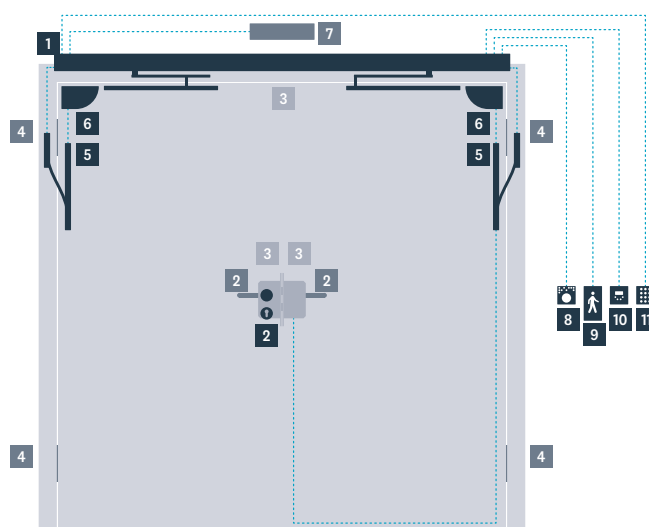
Barrier-free single-leaf fire door with controlled escape route control

Item	Equipment
1	ETS 64 R - IRM
2	D-310 OKL Magis handle
3	EPN 2000 III with nut contact + GBS 92 PAF B
4	Horizon OBX-18 hinge
5	Cable connection
6	FlatScan
7	Large-surface retaining magnet
8	E-opener for fire protection and bolt switch contact
9	Access control reader unit
10	FTI terminal



Fully automated barrier-free double-leaf fire door according to EN 179

Item	Equipment
1	ETS 64-IRM SRI (GSD)
2	K-135 / D-330 OKL Magis handle
3	GBS 141 with OV + GBS 152 ETÖ with OV + E-opener + snap locks
4	Horizon OBX-18 hinge
5	Cable connection
6	FlatScan
7	Radar
8	BFT
9	ECO GFT
10	Bedix
11	Code batch keypad (night mode)



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Subject to changes.

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