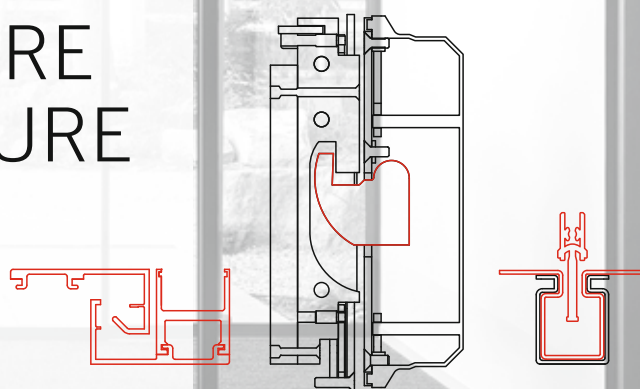


# ST FLEX SECURE FST FLEX SECURE

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Sliding door  
with intruder protection

## SECURITY AND CONVENIENCE INTELLIGENTLY COMBINED

A high level of security is essential for public buildings. However, also many shop owners are aware of the importance of preventive vandalism and burglary protection.

This is where DORMA's new ST FLEX and FST FLEX SECURE comes into play, as this system unites the convenience of an automatic door with effective burglary and vandalism protection. Furthermore, the elegant, automatic sliding door solution provides facility operators with a high level of security.

### SECURE stands for maximum protection

Despite its elegant design, DORMA's ST FLEX and FST FLEX SECURE sliding door system provides maximum and

at the same time invisible intruder and vandalism protection according to VDS (Association of German Property Insurers) resistance class WK2/RC2.

Your benefit: Compared to similar security systems, there are no visible barriers so that your display windows remain as transparent and inviting as ever without any negative effect on their advertising space characteristics.

### Technical details of

#### ST FLEX SECURE at a glance:

- A continuous floor guide rail at the bottom of the door and an operator-integrated anti-tamper protection avoid that the door is levered out

- Four-point hook locking device with automatic locking action at the main closing edge and lateral door profiles
- Special burglary-protection glazing is adhered to the door profile with the aid of a special adhesive

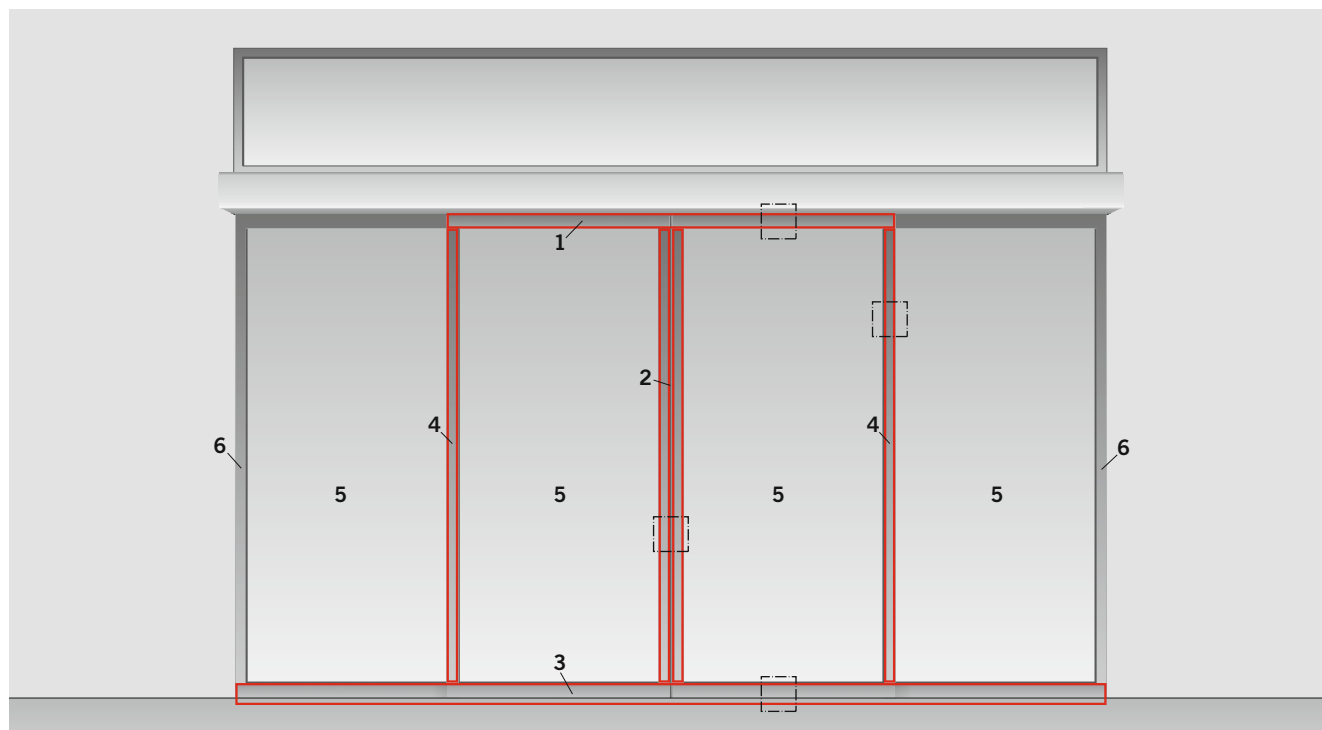
Furthermore, the door may be equipped with any product from the comprehensive range of accessories for our standard sliding door systems.

If requested, ST FLEX and FST FLEX SECURE may be fitted with DIN 18650 and EN 16005 compliant safety equipment – depending on the prevailing structural conditions and risk assessment.

### Features and benefits

- Prefabricated door panels
- Flexible system: may be combined with ES 200 and ES 200-2D
- The automatic sliding door is tested from European Standard ENV 1627 to 1630
- Glazing tested to DIN EN 356, resistance class P4A:
  - Security double-glazing (22 mm LSG)
  - Mono safety glazing (10 mm LSG)

### Security-relevant components



- 1 DORMA operator-integrated protection against levering-out over the full passage width
- 2 DORMA SECURE 4-point locking device
- 3 DORMA SECURE floor guide over the full door width
- 4 Continuous interlocking profiles at the secondary closing edge

- 5 Burglary-resistant laminated safety glass (resistance class WK2) P4A (10 mm) or laminated safety glass P4A (22 mm) adhered to the frame with special adhesive
- 6 Special anchoring to meet the requirements of resistance class WK2/RC2 (1. anchoring 270 mm from upper edge of operator – then every 400 mm)

□ See page 9 for corresponding cross sections.

## Evidence of performance

### Burglar resistance

#### Expert statement

**10-001167-PR02 dated 18. October 2011**

(GAS01-C01-05-en-01)



Translation of Expert Statement 10-001167-PR02 dated 6 October 2011

Client **DORMA GmbH + Co. KG**  
DORMA Platz 1  
58256 Ennepetal  
Germany

#### Basis

DIN EN 1627 : 2011  
Windows, doors, shutters → Burglar resistance - Requirements and classification  
DIN EN 1628 : 2011  
DIN EN 1629 : 2011  
DIN EN 1630 : 2011

Product **Burglar resistant sliding door system, WK2 (RC2)**

Designation **ST FLEX SECURE / FST FLEX SECURE**

Test report 10-001154-PB01-C01-05-de-01 dated 20 December 2010

Clear opening dimensions (W x H) **different (see type list)**

Result protocol 10-001209-PR01 (EP01-C01-05-de-01) dated 06 July 2011

(Frame) **Aluminium, DORMA profile system ST FLEX**  
Material **DORMA operator profiles ES200**

Result protocol 10-001209-PR02 (EP01-C01-05-de-01) dated 06 July 2011

Attack side **External face**

Design sheets  
Annex 1, pp 1 to 13  
Annex 2, pp 1 to 36

Type of opening **Two leaf / single leaf sliding, with / without glazed side panels, with / without glazed top light 1 - / 2 - / 3-part**

#### Validity

Testing for burglar resistance does not allow any statement to be made on any further characteristics regarding performance and quality of the construction submitted.

Glazing **DIN EN 356 Klasse P4A**

Validity of the expert statement expires with expiry of any one of the above items referred to as basis (standards or test reports).

Hardware **Multipoint lock Fuhr Type 3 pivoted bolt lock with 4 pivoted bolts as per DIN 18251 Class 4; Profile cylinder as per DIN 18252 P2BZ; continuous strike plate; continuous coupling rim ST FLEX; continuous disengagement protection in drive; continuous DORMA floor guide track**

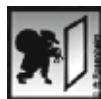
#### Notes on publication

The ift Guidance Sheet "Conditions and Guidance for the Use of ift Test Reports" applies.

Installation **As per installation instructions from company DORMA GmbH + Co. KG**

The cover sheet including the type list can be used as an abstract.

#### Burglar resistance



**Resistance Class RC 2\*)**

\*) on the basis of the mentioned test reports and the complementary, change-related specifications

#### Contents

The expert statement comprises a total of 56 pages

#### Cover sheet

##### Type list

##### Expert Statement

- 1 Order
- 2 Basis of evaluation
- 3 Evaluation
- 4 Results and statement

Annex 1 (1 page)  
Annex 2 (36 pages)

ift Rosenheim  
18. October 2011

*R. Krippahl*  
Robert Krippahl, Dipl.-Ing. (FH)  
Deputy Head of Testing Department  
Building Components

*Jens Pickelmann*  
Jens Pickelmann  
Operating Testing Officer  
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BLZ 711 500 00

Notified Body Nr.: 0757  
Anerkannte PUZ-Stelle: BAY 18  
Deutscher  
Institut für  
Bauteileprüfung  
DAP-PL 0038 00  
DAP-SE 2288 00  
TGA DA 16-65 00  
TGA DA 16-65 00

**Expert statement**

10-001167-PR02-(GAS01-C01-05-de-01) dated 18. October 2011

Client

DORMA GmbH + Co. KG, 58256 Ennepetal, Germany



## TYPE LIST

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No.	Tested type	Design variants approved by expert statement	Evidence / reports requirements
1.	Single-panel and double-panel sliding door systems with glazed side screens and fanlight	Single-panel and double-panel sliding door systems available: <ul style="list-style-type: none"> <li>with and without side screens</li> <li>with and without fanlight (glazed in one-piece / two-part / 3-part version)</li> </ul>	<b>Test report</b> 10-001154-PB01-C01-05-de-01 dated 20 December 2010 <b>Result protocol</b> 10-001209-PR01 (EP01-C01-05-de-01) and 10-001209-PR02 (EP01-C01-05-de-01) dated 06 July 2011 <b>Expert statement</b> 10-001167-PR02 dated 18 October 2011
2.	Single-panel and double-panel sliding door systems with P4A double-glazing, a thickness of 20 mm and single-glazing	Use of <ul style="list-style-type: none"> <li>P4A double-glazing with a thickness of 22 mm</li> <li>P4A single-glazing with a thickness of 10 mm</li> </ul>	<b>Test report</b> 10-001154-PB01-C01-05-de-01 dated 20 December 2010 <b>Result protocol</b> 10-001209-PR01 (EP01-C01-05-de-01) and 10-001209-PR02 (EP01-C01-05-de-01) dated 06 July 2011 <b>Expert statement</b> 10-001167-PR02 dated 18 October 2011
3.	Single-panel and double-panel sliding door systems with a clear passage width of 2500 mm x 3000 mm or 700 mm x 2800 mm	Single-panel and double-panel sliding door systems with various clear opening dimensions:  Double-panel version: Width 800 mm – 3000 mm Height 2100 mm – 3100 mm Single-panel version: Width 700 mm – 3000 mm Height 2100 mm – 3100 mm  FST-Türen (double-panel and single-panel version): Width 900 mm – 3000 mm Height 2100 mm – 3100 mm	<b>Test report</b> 10-001154-PB01-C01-05-de-01 dated 20 December 2010 <b>Result protocol</b> 10-001209-PR01 (EP01-C01-05-de-01) and 10-001209-PR02 (EP01-C01-05-de-01) dated 06 July 2011 <b>Expert statement</b> 10-001167-PR02 dated 18 October 2011
4.	Single-panel and double-panel sliding door systems with glazed side screens for mounting at solid surrounding walls	Single-panel and double-panel sliding door systems <ul style="list-style-type: none"> <li>with and without side screens</li> <li>for mounting in mullion and transom construction</li> <li>tested as a burglar-resistant component to resistance class WK2 or higher</li> <li>with location of profiles/screws in the mullion res. transom area</li> </ul>	<b>Test report</b> 10-001154-PB01-C01-05-de-01 dated 20 December 2010 <b>Result protocol</b> 10-001209-PR01 (EP01-C01-05-de-01) and 10-001209-PR02 (EP01-C01-05-de-01) dated 06 July 2011

Preparation of adjacent walls by others		ST FLEX SECURE	FST FLEX SECURE
The adjacent walls must have the following properties to meet the requirements of resistance class WK2/RC2:			
Masonry to DIN 1053-1	– Nominal thickness	≥ 115 mm	
	– Crushing resistance of brickwork	≥ 12	
	– Mortar group	II	
Steel concrete to DIN 1045	– Nominal thickness	≥ 100 mm	
	– Strength class	B15	


Door parameters		ST FLEX SECURE	FST FLEX SECURE
Double-panel sliding door	– Clear passage width (LW)	800 – 3,000 mm	900 – 3,000 mm
	– Clear passage height (LH)	2,100 – 3,100 mm	2,100 – 3,100 mm
	– Door panel weight	max. 2 x 160 kg	max. 2 x 130 kg
Single-panel sliding door	– Clear passage width (LW)	700 – 3,000 mm	900 – 3,000 mm
	– Clear passage height (LH)	2,100 – 3,100 mm	2,100 – 3,100 mm
	– Door panel weight	max. 1 x 200 kg	max. 1 x 150 kg

Versions		ST FLEX SECURE	FST FLEX SECURE
Profile systems	Universal profile system with security glazing to DIN EN 356 category P4A	●	●
	Universal profile system with security double-glazing	○	○
	With side screens	○	○
	Combined sensors to DIN 18650 and EN 16005	●	●
	Continuous floor-integrated guide rail The floor guide rail is always required and has to be provided by others!	●	●
Elevation height and depth of operator 150 mm x 180 mm		●	●
Fanlight in one-piece / two-part / 3-part version		○	○
ST FLEX safety screen		○	○

Basic module (BM)		ST FLEX SECURE	FST FLEX SECURE
Modular design		●	●
Microprocessor-controlled function programs	– Off		
	– Automatic		
	– Permanent Open	●	●
	– Partial Open		
	– Exit Only		
	– Night-/Bank Function		
Automatic reversing		●	●
Ready for connection of	DORMA SECURE locking device	●	●
	Light curtains	●	●
Adjustment of all basic parameters via integrated display and keys		●	●
24 V output for external accessories		●	●
Read-out error log with error codes		●	●
DCW® bus connection (Protocol DORMA Connect and Work)		●	●
Emergency power supply via rechargeable battery pack		○	–

● standard   ○ optional   – no

Additional equipment	ST FLEX SECURE	FST FLEX SECURE
Manual lock release for DORMA SECURE locking device	●	●
Light barriers	○	○
Rechargeable battery pack (emergency opening/closing)	○	●
Coupling module for connection to EIB or LON building management systems	○	○
Function module (FM) <ul style="list-style-type: none"> <li>– 3 door status contacts</li> <li>– Safeguarding of main closing edge &amp; secondary closing edges</li> <li>– Panic closing (Observe corresponding regulations!)</li> <li>– Bell contact</li> <li>– Airlock control</li> <li>– Synchronous operation</li> </ul>	○	○
DIN 18650 and EN 16005 function module The DIN 18650 and EN 16005 function module provides tested monitoring of the secondary closing edges for compliance with the German Industrial Standard DIN 18650 and EN 16005	○	○

Technical operator data	ST FLEX SECURE	FST FLEX SECURE
DORMA SECURE locking device	●	●
Suitable for application in emergency exits and escape routes	–	
Height	150 mm	150 mm
Overall depth	180 mm	180 mm
Max. opening and closing force 150 N	●	●
Opening speed (incremental setting)	10 – 70 cm/s	10 – 70 cm/s
Closing speed (incremental setting)	10 – 50 cm/s	10 – 50 cm/s
Hold-open time	0 – 180 s	0 – 180 s
Supply voltage, frequency	230 V, 50/60 Hz	230 V, 50/60 Hz
Power consumption	250 W	250 W
Class of protection	IP 20	IP 20
Admissible temperature	- 20 – + 60 °C	- 20 – + 60 °C
Admissible humidity (relative)	max. 93 % (non condensing)	max. 93 % (non condensing)
Tested according to Low Voltage Directive and EMC guidelines	●	●
Manufactured to ISO 9001	●	●

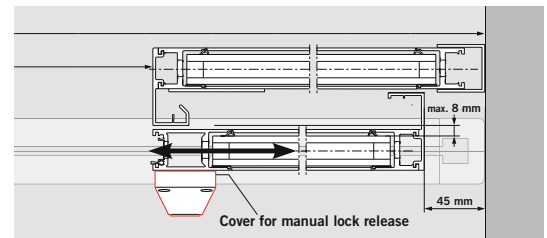
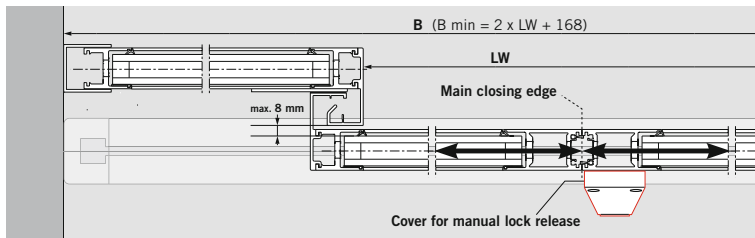
● standard   ○ optional   – no

# HORIZONTAL SECTIONS

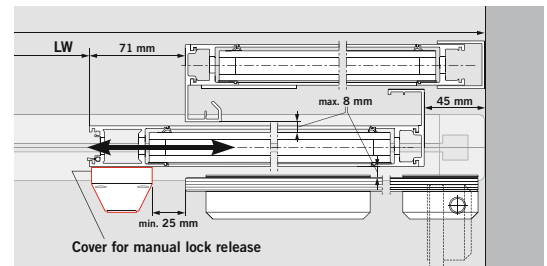
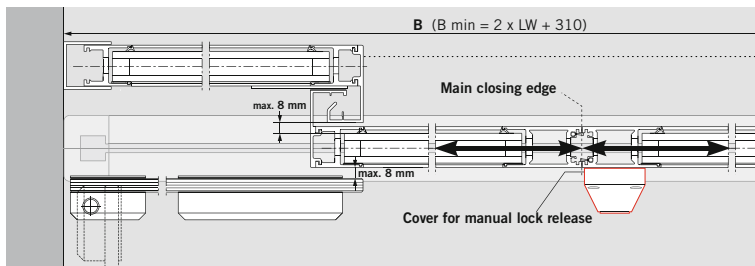
Door is closed

Door is open

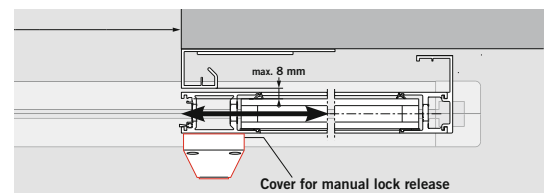
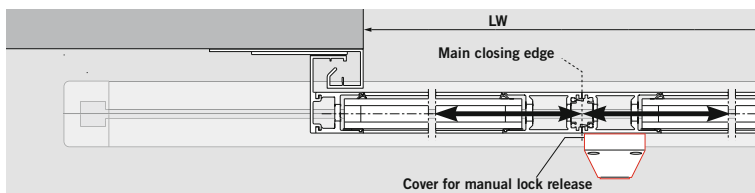
## Corridor-mounted double-panel systems with side screens



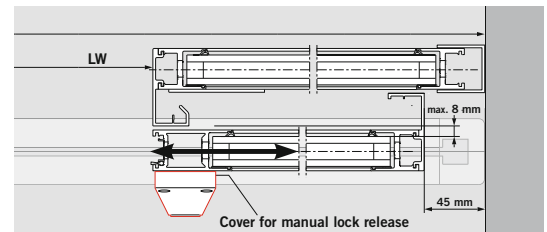
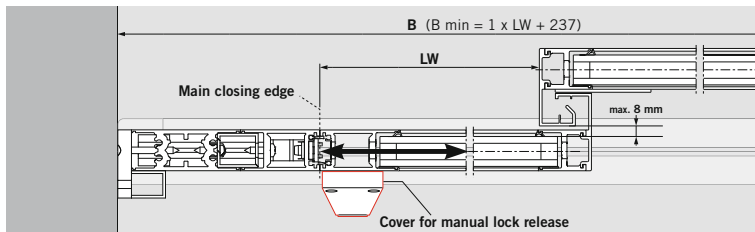
## Corridor-mounted double-panel systems with side screens – security screens on the inside



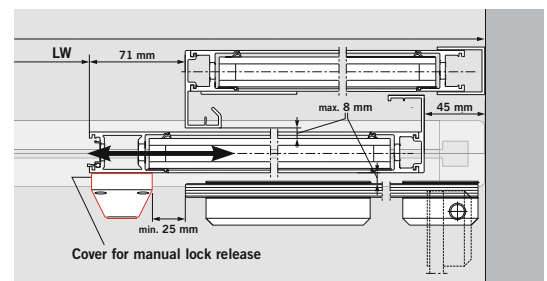
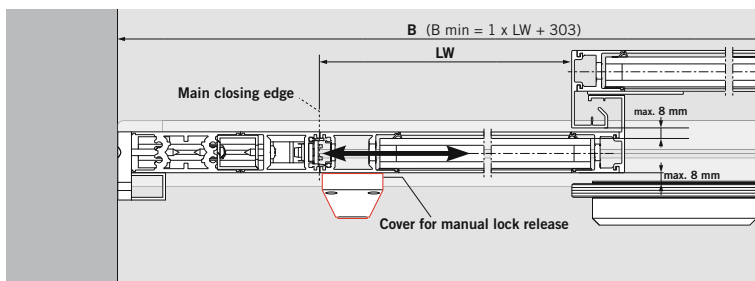
## Lintel-mounted double-panel systems with side screens



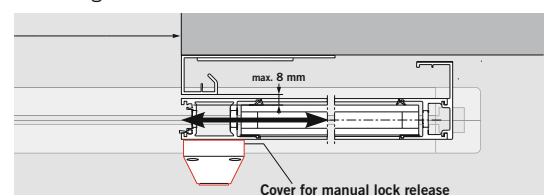
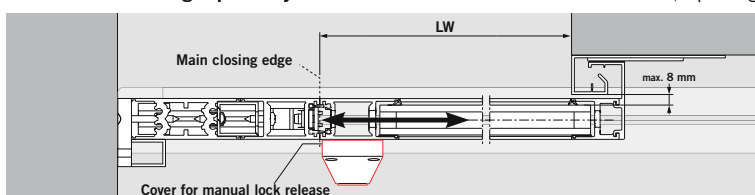
## Corridor-mounted single-panel systems with side screens (wall connection, opening to the left/right)



## Corridor-mounted single-panel systems with side screens – security screens on the inside (wall connection, opening to the left/right)



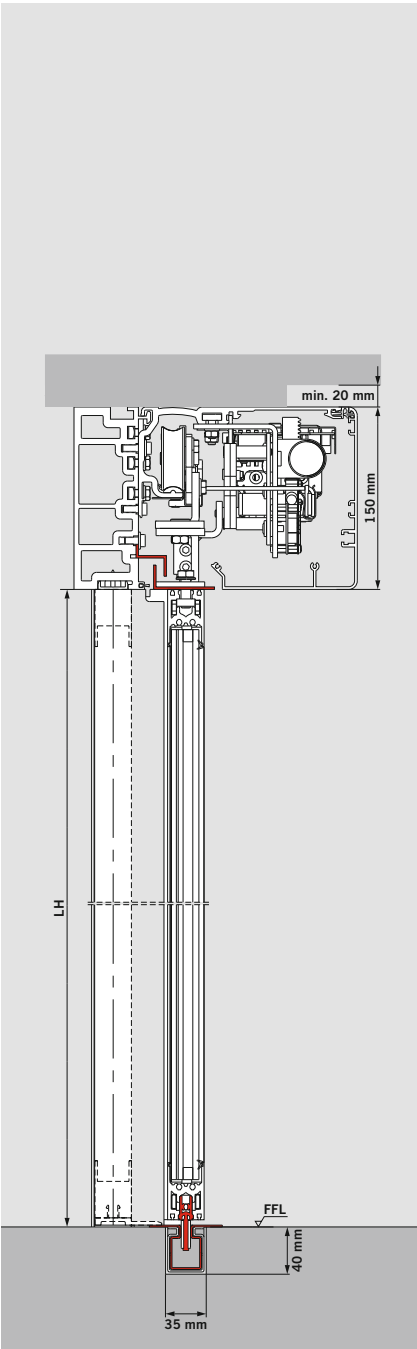
## Lintel-mounted single-panel systems with side screens (wall connection, opening to the left/right)



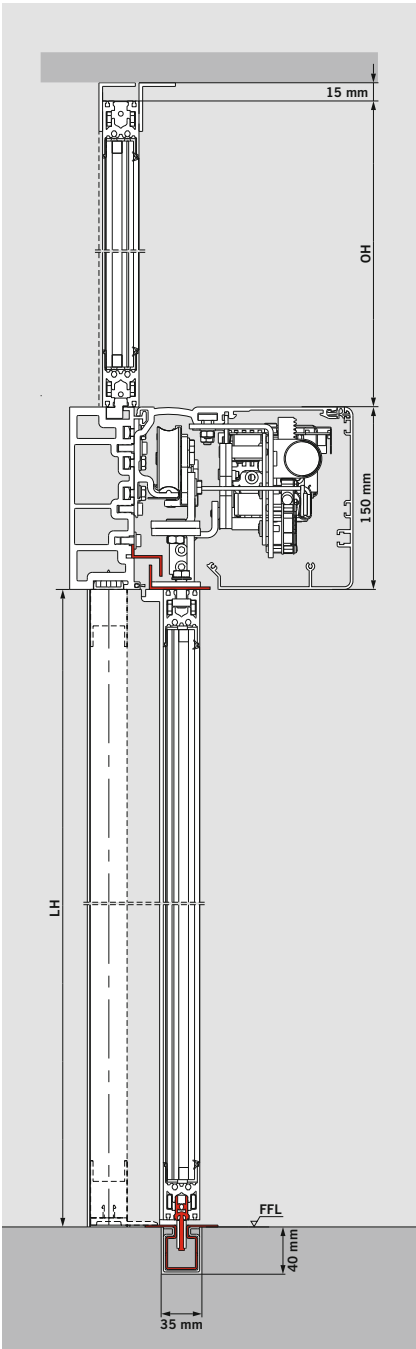
LW = Clear passage width    B = System width

# VERTICAL SECTIONS

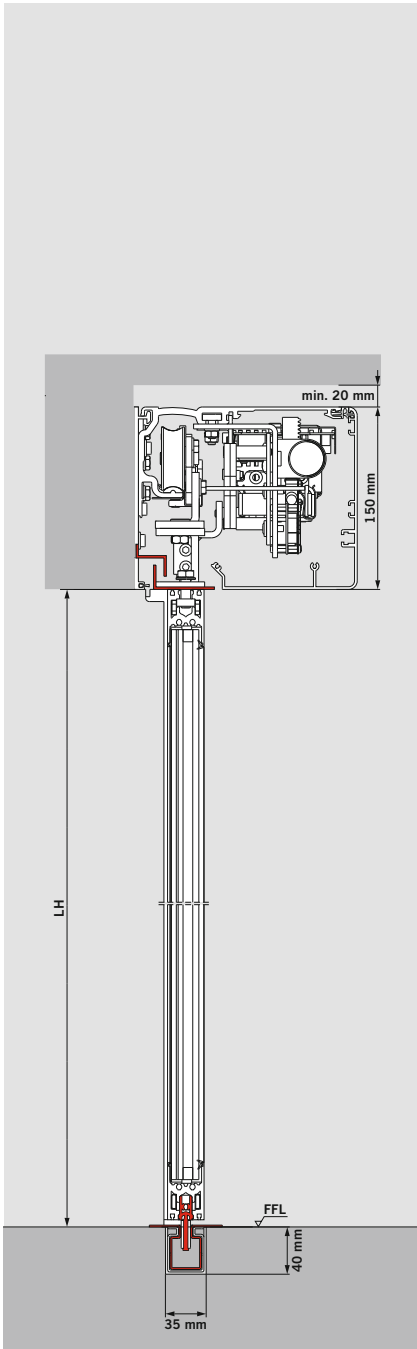
Corridor-mounted systems  
with floor-integrated guide rail



Corridor-mounted systems  
with floor-integrated guide rail  
and fanlight



Lintel-mounted systems  
for connection to façade (by others)  
with floor-integrated guide rail

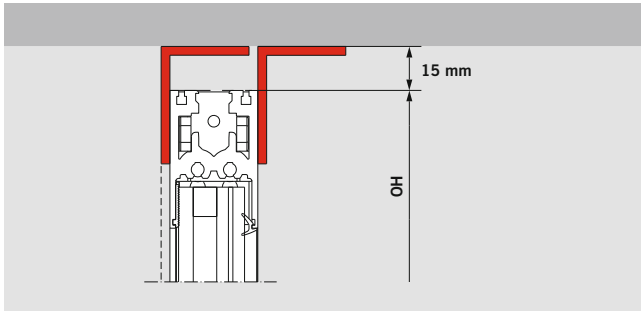


- OH Fanlight height
- LH Clear passage height
- B Clear passage width
- LW Clear passage width
- FFL Finished floor level

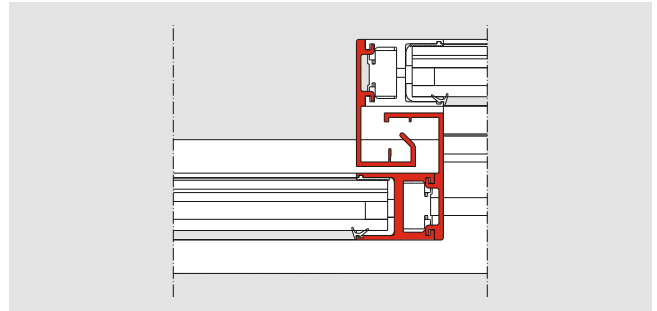


## DETAILED CROSS SECTIONS

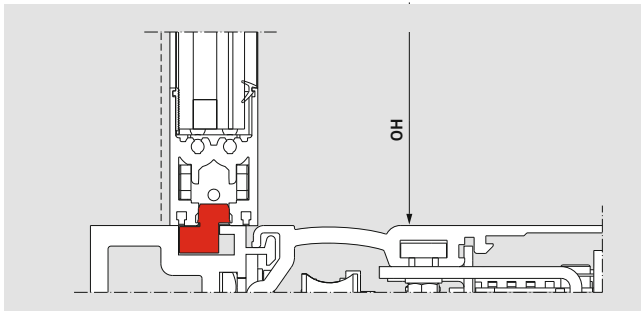
Ceiling connection of fanlight



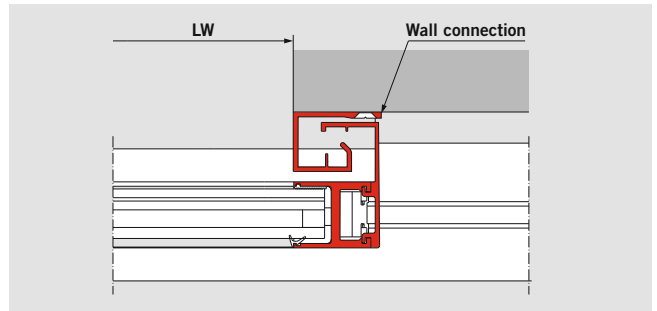
Unlocking of sliding panel



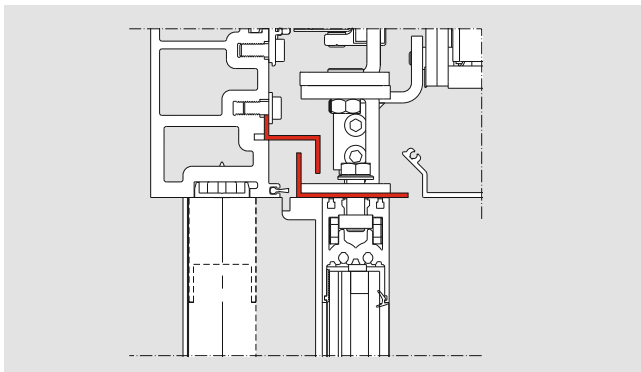
Connection of fanlight to operator



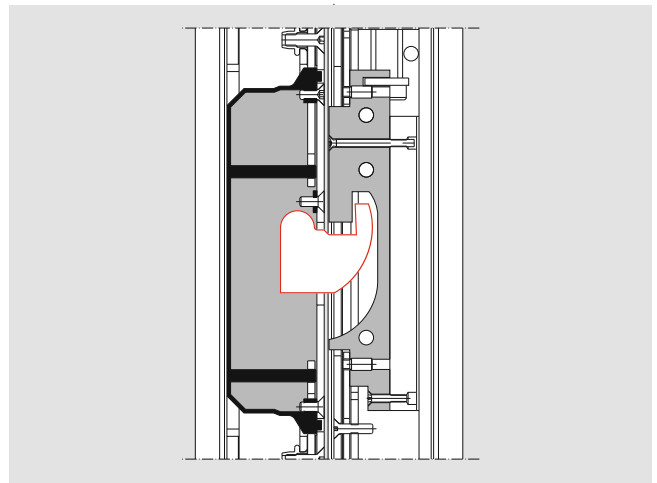
Wall connection



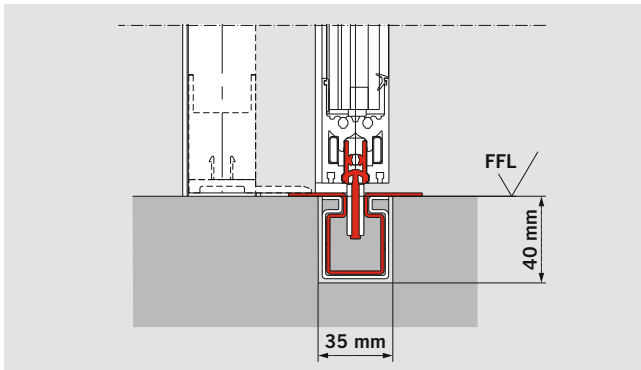
Security feature inside operator



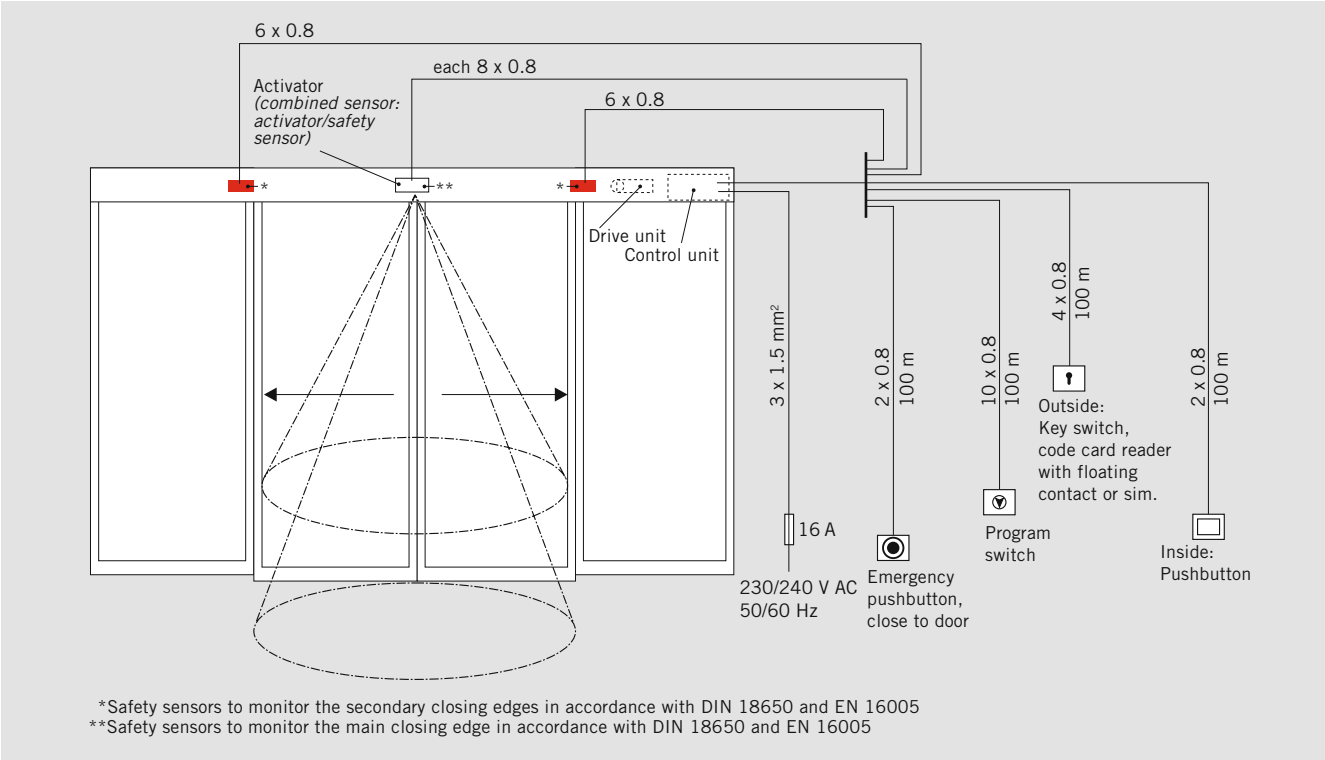
Main closing edge – door is closed





Floor guide



# CONNECTIONS



# SWITCHES

	Designation	Specification	Installation system	Order No.
	On/Off switch	White, aluminium, flush-mounting, 80 x 80 mm	Gira S-Color	19135403150
	Radar switch	„MAGIC SWITCH“, proximity-type radar switch responds to movement, for flush-mounting, 80 x 80 mm		05076831332




## PROGRAM SWITCHES




A program switch from DORMA's broad range of accessories allows the automatic door system to meet individual requirements and provides easy handling.

The corresponding 3-position program switches are available in various designs and suitable for all kinds of applications.





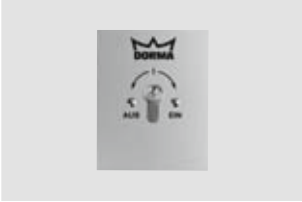
They offer various options, from a mechanical to a full-electronic version, alternatively also lockable via profile half-cylinder or in a full-electronic way via code..

- Up to 5 different functions: Off, Automatic, Exit Only, Partial Open, Permanent Open
- Electronic program switches in System 55 design to meet the highest aesthetical demands

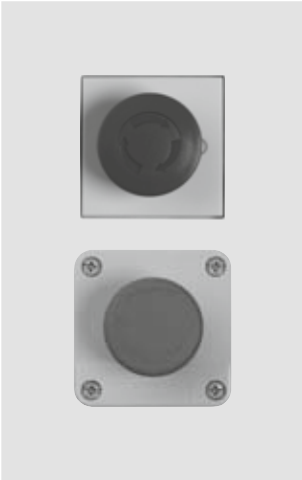

For sliding door operators	Designation	Specification	Installation system	Order No.
	<b>PG-S1</b>	5-position, aluminium, white, flush-mounted version, 80 x 80 x 40 mm	Gira S-Color	19135401150
	<b>PG-S2</b>	5-position, lockable, aluminium, white, flush-mounted version, 80 x 80 x 40 mm	Gira S-Color	19135602150
	<b>EPS-S</b>	Full-electronic program switch in System 55 design, 5-position, lockable via code or additional TL-ST S55 key switch, membrane keypad aluminium-coloured, white, flush-mounted version, 80 x 80 mm	System 55	16556901150

For sliding door operators in emergency exits and escape routes (FST)	Designation	Specification	Installation system	Order No.
	<b>PG-FST1</b>	5-position, lockable, aluminium, white, flush-mounted version, 80 x 80 mm	Gira S-Color	19135603150
	<b>PG-FST2</b>	5-position, lockable via profile half-cylinder, aluminium, white, flush-mounted version, 105 x 80 x 65 mm, Box for surface-mounting: 19142201170	Deutsche Solenoid	19142001170
	<b>EPS-FST</b>	Full-electronic program switch in System 55 design, 5-position, lockable via code or additional TL-ST S55 key switch, membrane keypad, aluminium-coloured, white, flush-mounted version, 80 x 80 mm	System 55	16556801150



# PUSHBUTTON

Palm pushbutton	Designation	Specification	Installation system	Order No.
		Single-pole changeover contact, single-type frame, white, flush-mounted version	System 55	19144701170
Key switches	Designation	Specification	Installation system	Order No.
	<b>KT 3-1</b>	1 NO contact with profile half-cylinder, may be replaced for any profile half-cylinder of a master key system, key only retractable in neutral position, aluminium, metal, 75 x 75 x 60 mm		
	<b>KT 3-1 UP</b>	flush-mounted version		05054531332
	<b>KT 3-1 AP</b>	surface-mounted version		05054631332
	<b>KT 8</b>	Lettering "Auf, Zu" (German for "Open/Closed"), 2 NO contacts, with profile half-cylinder, may be replaced for any profile half-cylinder of a master key system, key only retractable in neutral position, aluminium, metal, 75 x 75 x 60 mm		
	<b>KT 8 UP</b>	flush-mounted version		05054831332
	<b>KT 8 AP</b>	surface-mounted version		05054931332
	<b>TL-ST S55</b>	Switch with single-pole changeover contact, for profile half-cylinder by others to DIN 18252, locking cam centre 30 – 32.5 mm, overall length 40.5 – 43.5 mm, locking cam position left (90°), incl. cover for System 55, not suitable for box for surface-mounting, not including profile half-cylinder, <b>not including frame</b>		
	<b>TL-ST S55 W</b>	White	System 55	56330710
	<b>TL-ST S55 S</b>	Silver-coloured	System 55	56330701
	<b>TL-ST S55 A</b>	Anthracite	System 55	56330715
	<b>KT 3-2</b>	1 NO contact with profile half-cylinder, may be replaced for any profile half-cylinder of a master key system, key only retractable in neutral position, exchange cover, „Ein/Aus“ lettering (German for „On/Off“), aluminium, flush-mounted version: 125 x 100 mm, surface-mounted version: 70 x 90 mm		05054731332

## EMERGENCY PUSHBUTTONS

	Designation	Specification	Installation system	Order No.
	<b>NAT</b>	Designed to interrupt the automatic movement of the door, emergency pushbutton (function: Emergency Off) for automatic door operators, manufactured to ZH 1/494 or BGR 232, DIN 18650 and EN 16005, red knob with yellow centre insert, max. load current: 10 A at 230 V AC		
	<b>NAT 1</b>	NO contact: 1, NC contact: 1, white frame, flush-mounted version, 80 x 80 mm	System 55	90400025
	<b>NAT 2</b> no picture	Function "Emergency Opening" with green knob, NO contact: 1, NC contact: 1, max. load current: 10 A at 230 V AC, white frame, flush-mounted version, 80 x 80 mm	System 55	90400035
	<b>NAT 4</b>	NO contact: 1, NC contact: 1, surface-mounted version, 68 x 68 mm		05027031332
	<b>TL-N S55</b>	Highly-illuminated emergency pushbutton environment with visual locking status indication, optical and acoustic alarm via yellow flashlight and integrated alarm siren, sabotage-proof, behind glass, <b>not including frame</b> NO contact: 1, NC contact: 1, max. load current: 1 A at 24 V DC, flush-mounted version, 80 x 80 mm	System 55	56330500


## ACTIVE INFRARED DETECTOR

Safety sensors	Designation	Specification	Colour	Order No.
	<b>Prosecure Opti Scan</b>	The active infrared curtain according EN 16005 ensures optimum protection of the area at the side of the door. It protects people in the danger area of the opening door panel.	black silver coloured white	86301100 86302100 86303100
	<b>Prosecure Opti Scan 1</b>	The active infrared curtain according DIN 18650 and EN 16005 ensures optimum protection of the area at the side of the door. It protects people in the danger area of the opening door panel.	black silver coloured white	86301101 86302101 86303101
Combi sensors	Designation	Specification	Colour	Order No.
	<b>Prosecure Opti Combi</b>	Quick and easy to install, wide field can be used as a light barrier substitute, LCDDisplay, Precise positioning of the AIR curtain thanks to inclination angle display on a clear scale, direction recognition (DIN 18650 and EN 16005)	black silver coloured white	86711400 86712400 86713400
	<b>Prosecure Opti Combi 1</b>	Very flexible field settings, active infrared curtain is self-monitoring, crossing traffic optimization, precise positioning of the AIR curtain thanks to inclination angle display on a clear scale, direction recognition. (DIN 18650 and EN 16005)	black silver coloured white	86711401 86712401 86713401

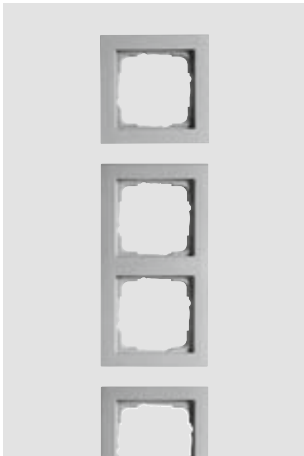
# MOTION DETECTORS

	Designation	Specification	Order No.
	<b>Prosecure Easy Motion Mono</b>	Full-automatic access on pulse activation; adjustable inclination angle, inclined field of view and field size, LED status indicator Ambient temperature –20 °C to 60 °C	
		Black	86001000
		Silver-coloured	86002000
		White	86003000
	<b>Prosecure Easy Motion Stereo</b>	Adjustable inclination angle, inclined field of view and field size, direction recognition, cross-traffic suppression, immunity, LED status indicator Ambient temperature –20 °C to 60 °C	
		Black	86011000
	<b>Prosecure Opti Motion Mono</b>	Adjustable inclination angle, inclined field of view and field size, direction recognition, immunity, LED status indicator Ambient temperature –20 °C to 60 °C	
		Black	86101000
		Silver-coloured	86102000
		White	86103000
	<b>Prosecure Opti Motion Stereo</b>	Adjustable inclination angle, inclined field of view and field size, direction recognition, cross-traffic suppression, Slow Motion function, immunity, LED status indicator Ambient temperature –20 °C to 60 °C	
		Black	86111000
	<b>Rain protection cover</b>	For Easy Motion detectors	86031900
	<b>Rain protection cover/ ceiling angle bracket</b>	For Opti Motion detectors	86131900
	<b>Prosecure Remote Control</b>	Remote control for programming Prosecure Opti motion detectors or products from other brands; for the convenient and exact adjustment of high-mounted sensors; self-explaining menu navigation, LCD display Ambient temperature –20 °C to 60 °C	86991900

## AUTOSWITCH TRANSPONDER

	Designation	Specification	Order No.
	<b>AutoSwitch</b>	The active transponder system activates the control unit of the automatic door when entering the receiver range. Receiver range: approximately 2.5 m; especially suitable for areas where no manual access is desired and as access control system for door systems used by wheelchair users	
		Receiver/control unit, surface-mounted version, white	16571101175
		Programming/transponder key, yellow	16571201175
		Standard/transponder key, blue	16571301175

## TRIMS AND BOXES FOR SURFACE-MOUNTED PUSHBUTTONS AND SWITCHES

	Designation	Specification	Dimensions in mm (W x H x D)	Installation system	Order No.
	<b>System 55</b>	<b>Cover frame (Programm STA)</b>			
	<b>FR-S55 1</b>	Single-type trim, Standard 55, white	80.7 x 80.7	System 55	56391110
	<b>FR-S55 2</b>	Double-type trim, Standard 55, white	151.8 x 80.7	System 55	56391210
	<b>FR-S55 3</b>	Triple-type trim, Standard 55, white	223.3 x 80.7	System 55	56391310
	<b>FR-E2W 1</b>	Single-type trim, E2 55, white	80.8 x 80.8	System 55	56392110
	<b>FR-E2W 2</b>	Double-type trim, E2 55, white	151.9 x 80.8	System 55	56392210
	<b>FR-E2W 3</b>	Triple-type trim, E2 55, white	223.4 x 80.8	System 55	56392310
	<b>FR-E2S 1</b>	Single-type trim, E2 55, silver	80.8 x 80.8	System 55	56392101
	<b>FR-E2S 2</b>	Double-type trim, E2 55, silver	151.9 x 80.8	System 55	56392201
	<b>FR-E2S 3</b>	Triple-type trim, E2 55, silver	223.4 x 80.8	System 55	56392301
	<b>FR-E2A 1</b>	Single-type trim, E2 55, anthracite	80.8 x 80.8	System 55	56392115
	<b>FR-E2A 2</b>	Double-type trim, E2 55, anthracite	151.9 x 80.8	System 55	56392215
	<b>FR-E2A 3</b>	Triple-type trim, E2 55, anthracite	223.4 x 80.8	System 55	56392315

Please see STA price list for further trims and versions.



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