

PLATINUM PM HR

Automatic horizontal sliding car door



NEW INSTALLATION



COMMERCIAL
HIGH RISE LIFTS



Door configuration

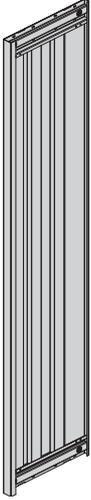
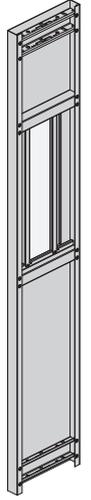
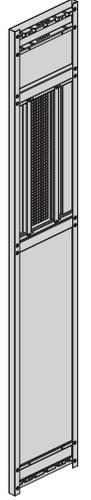
LIFT APPLICATION

Door cycles per year:	Up to 2.500.000.
Maximum cycle rate of the door:	Up to 360 cycles per hour.
Maximum lift speed:	Up to 6 m/s.

APPLICATION RANGE

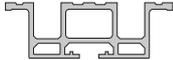
Opening	Clear opening - PL (mm)	Clear height - HL (mm)	
		Steel panels	Glass panels
C2 - T1 - T2	800 - 1.400	2.000 - 3.000	2.000 - 2.400
C4	1.400 - 3.000		

PANELS

Opening	Steel panels					Glass panels			
	Sheet metal	Double skin ⁽²⁾	Vision	Fritted vision	Wien type vision	Bevel big vision	Flush big vision	Full glass in skirting	Full glass in moorings
									
C2 - C4 - T1 - T2	x	✓	x	x	x	x	✓	x	x

² > 6 m/s drum proof insulated panels.

SILLS

Type of sill	Aluminium	Reinforced aluminium	Steel	Steel concealed	Massive
Profile detail					
Availability	x	✓	x	x	x
Heated sill option	x	✓	x	x	x
Debris holes	x	✓	x	x	x
Sill support	x	✓	x	x	x

STANDARDS

Opening	EN 81-20/50 Safety rules	EN 81-1/2 Safety rules	EN 81-21 Existing buildings	EN 81-41 Impaired mobility	EN 81-71 Vandal resistant lifts		EN 81-72 Firefighting lifts
					Cat. I	Cat. II	
C2 - C4 - T1 - T2	✓	✓	x	x	✓	✓	✓

Available⁽¹⁾. Not available.  Ask the commercial department.

¹ Some option combinations may not be possible.

Door configuration

PROTECTION

Opening	IP20	IPX3	IP54		IP65	EX
	Protection against a solid foreign body of 12,5 mm or more in diameter.	Protected against sprays of water up to 60 degrees from the vertical.	Protection against debris and protected against water splashed from all directions.		Sealed against debris and protected against jets of water from all directions.	Explosion proof, Group II (surface industries) and Category 2 (explosive atmosphere between 10 and 1.000 hrs/yr).
			Magnetic contact	Mechanical contact		
C2 - C4 - T1 - T2	✓	✓	✓	✗	✗	✗

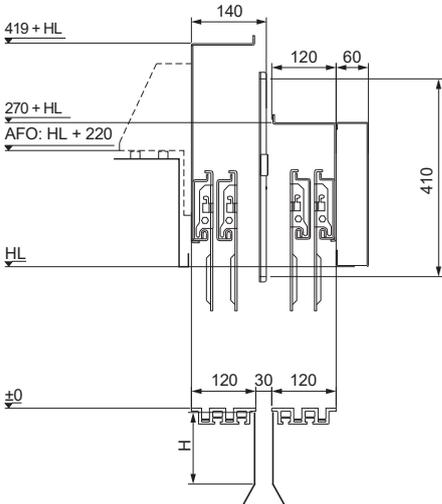
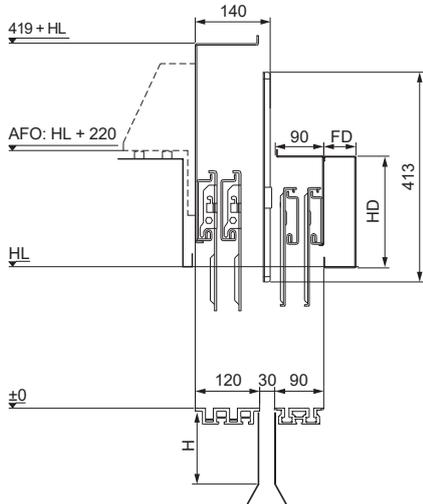
SAFETY DEVICES

Opening	Photocell	Photoelectric barrier		Safety edge	Emergency power supply		
		Static	Dynamic		VF5+	VF7 Relay	VF7 CAN
C2 - C4 - T1 - T2	✗	☎	✓	✗	✗	✓	✓

PANEL REGULATION SUPPORT AND PANEL GUIDE

Type of panel regulation support	Direct fastening	
Type of panel guide	Plus	

COMPATIBILITY

			
Case	Platinum landing door	Case	Premium landing door
Coupling	Asymmetrical clutch	Coupling	Asymmetrical clutch
Unlocking zone	+205 / -205	Unlocking zone	+161 / -252
Toe guard type	Big	Toe guard type	Big
H	750	H	750
Thickness	1,5	Thickness	1,5
Range	All	Range	All
<small>T2 opening shown. If not otherwise indicated all dimensions in mm.</small>			

Available⁽¹⁾
 Not available.
 Ask the commercial department.

¹ Some option combinations may not be possible.

Technical features



C2 operator

DRIVE



Type	Synchronous brushless permanent magnet motor.
Efficiency	80 %.
Consumptions	Standby 4W / Average per cycle 20 W.
Transmission	Geared. (STD8 Belt / Poly-V 8J Belt)

ELECTRONIC MODULE

Type	VF7+ Relay and VF7+ CAN.
Adjustable parameters via	PC / Console.
Working signals available	From 12 V to 240 V AC/DC or with BUS CAN.
Opening speed	Up to 1 m/s (Adjusted).
Closing speed	Up to 0,6 m/s. Auto-adjusted directly with the panel weight.
Re-opening	Integrated with auto-adjustable cycles.

OTHER FEATURES

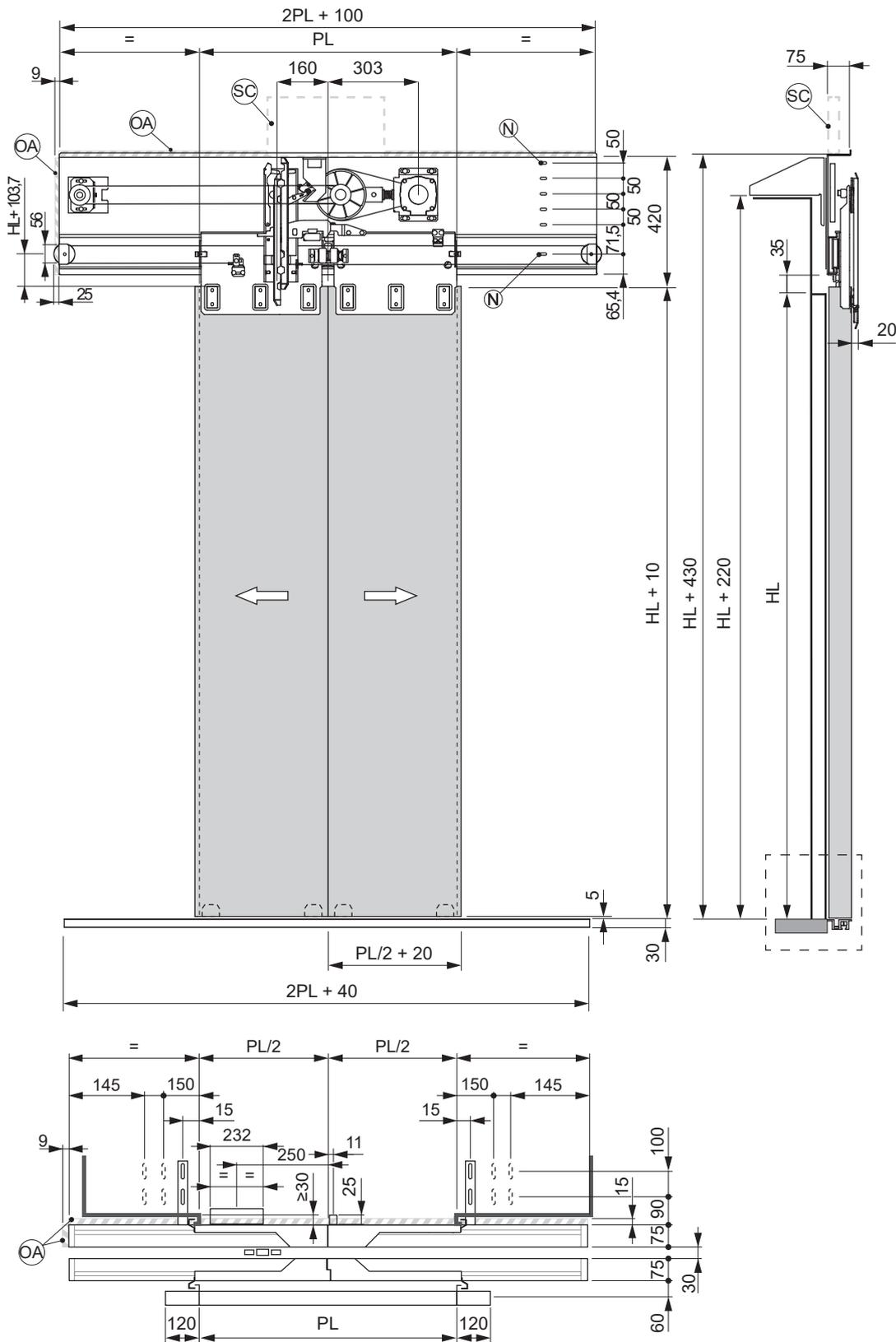
Noise level	< 51 dB.
Total weight	Reference: T2 PL 800 mm HL 2.000 mm, with double skin panels - 118 kg.
Maximum moving mass	360 kg.
Locking device	Car door lock.

INSTALLATION

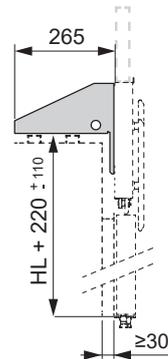
Pre-adjusted and tested to simplify the installation.	
Frontal concept, all parts within the sill projection, allows fixing directly to the front or by brackets.	

Technical drawing 2 panel centre parting door

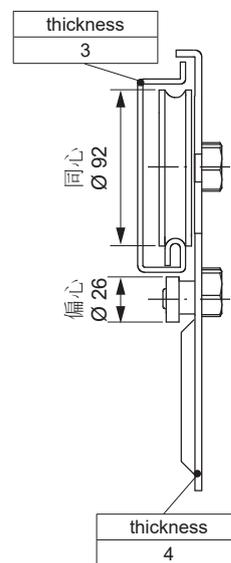
75 mm sill



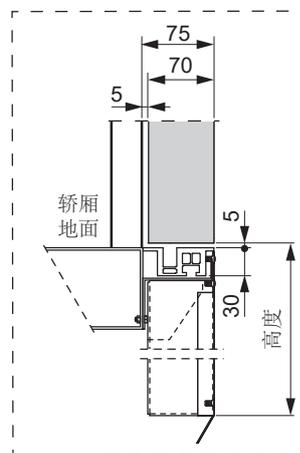
FIXING BRACKET RANGE



ADJUSTABLE P1-3 BRACKET MECHANICAL DETAILS



SILL DETAIL

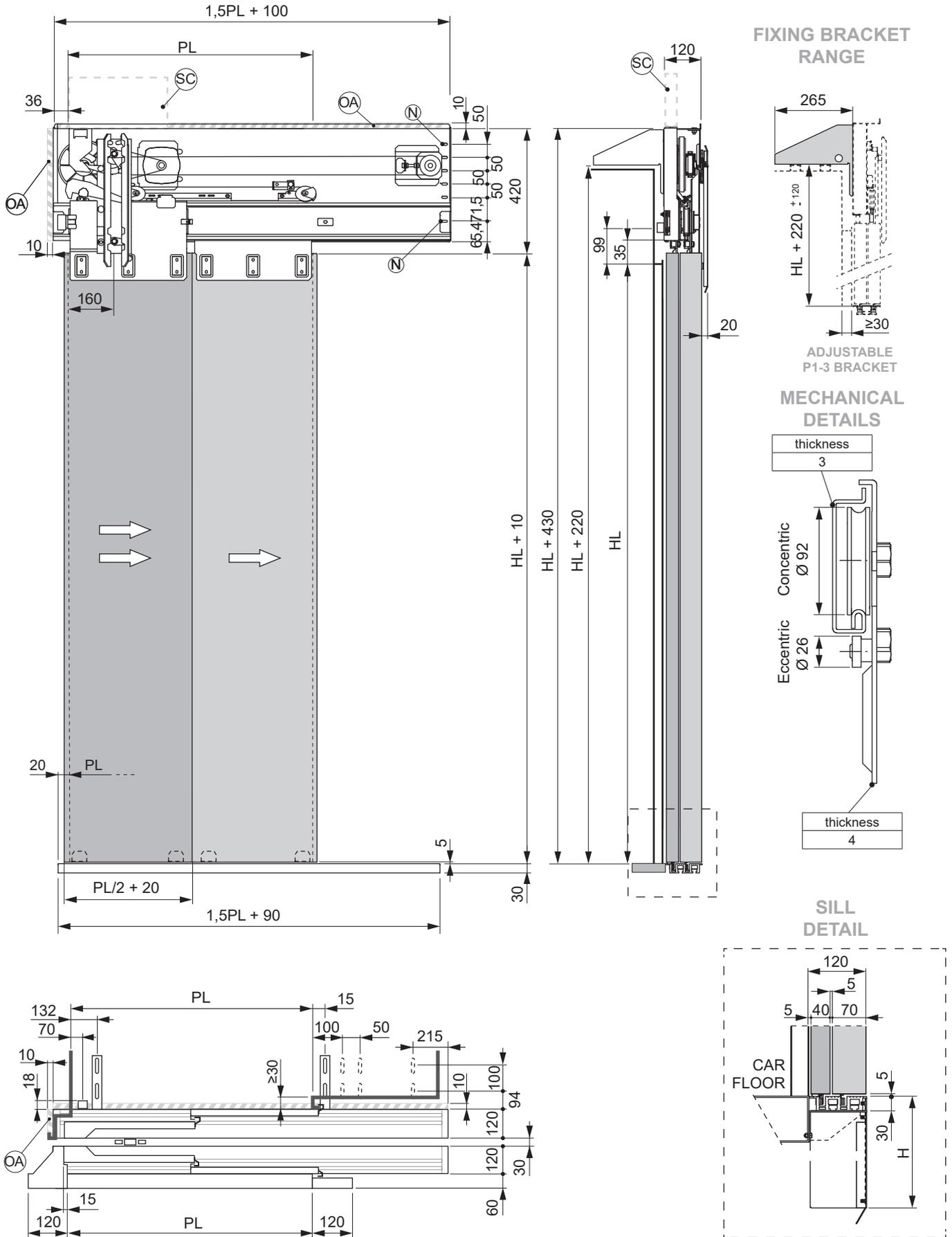


Notes:

- N Recommended vertical fixing point for brackets.
- If not otherwise indicated all dimensions in mm.
- SC See support configuration section at the end of this technical data sheet.
- OA Operator hardware area.

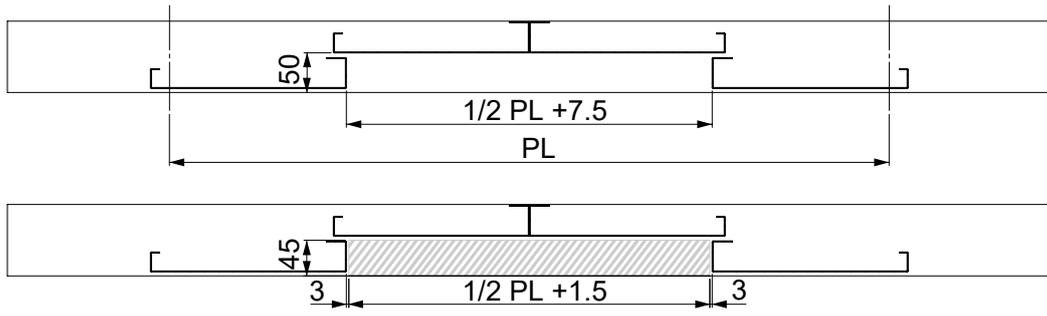
Technical drawing 2 panel side opening door

120 mm sill



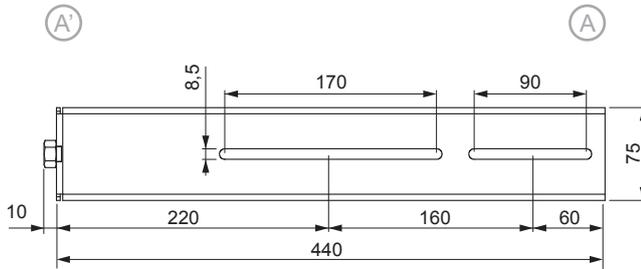
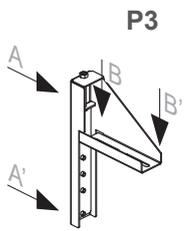
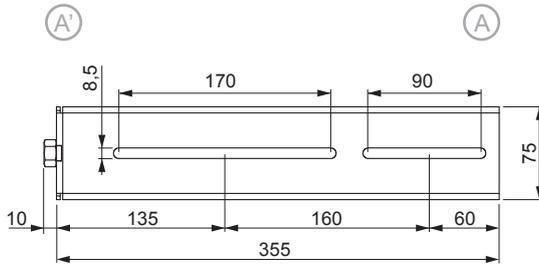
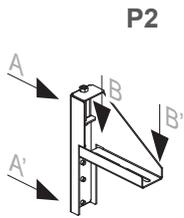
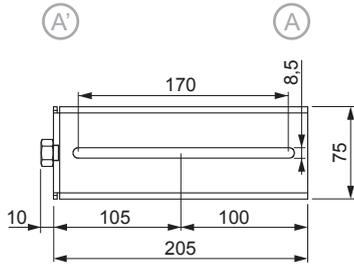
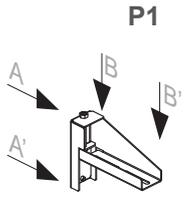
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OA Operator hardware area.

Car light cover



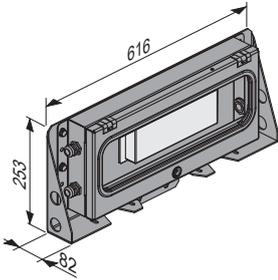
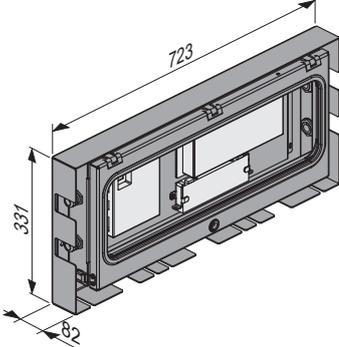
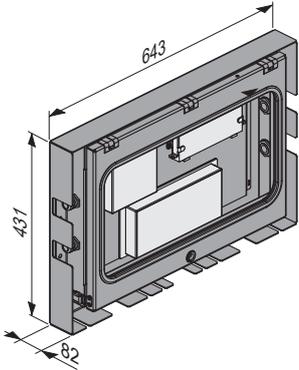
C4

Operator fixing bracket

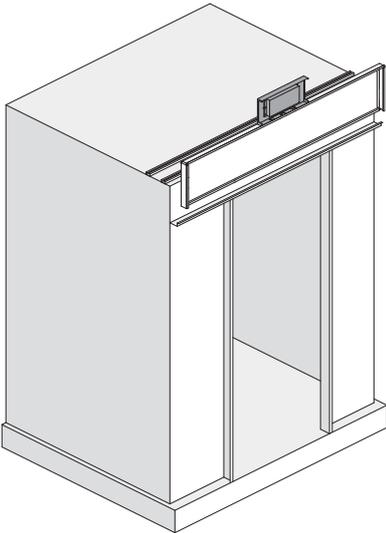
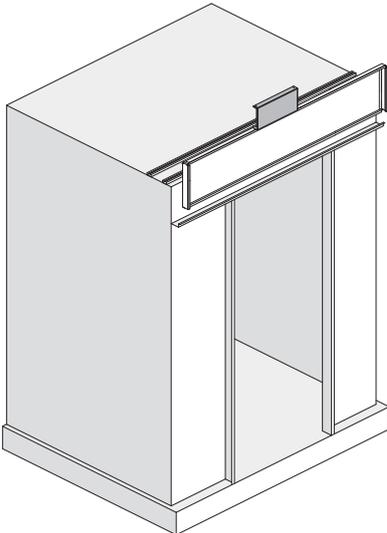


Electronic module support

TYPES OF SUPPORT ⁽³⁾

	Only VF circuit	VF circuit with emergency power supply for PL ≥ 800	VF circuit with emergency power supply for PL < 800
IP54 execution			
<p>³ The external support ensures the easy access to the VF circuit controls within the PL.</p>			

ASSEMBLY OPTIONS

	
Faced to the landing.	Faced to the car roof.
<p>The type of support shown it is only a example, the assembly options are available for any type of support.</p>	



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