

PIL-M01

Cubic personal interlock

Standard units	PIL-M01
Construction	
Upper section length	31-1/2"–78-3/4" (800 mm–2000 mm)
Passage width	31-1/2"–47-1/4" (800 mm–1200 mm)
Outer dimension	Dependant on sizes and configurations
Total height	98-7/16" (2500 mm)
Passage height	89-3/8" (2270 mm)
Upper part of body	9-1/16" (230 mm)
Body	
Outer door	Optional (swing door, folding wing, sliding door, fire rated door) or retrofit over existing swing door.
Inner door	Optional (swing door, folding wing, sliding door, fire rated door) or retrofit over existing swing door.
Finish	
Anodized aluminum, powder coated, and stainless steel.	
Function	
Default position inside and outside locked.	
Initial swing door is opened by a motor-driven system (or manual) in the direction of entry or exit by a floating release signal. The door closes and locks automatically after entrance to the interlock. Upon validation, the second door releases. Upon exiting, the personal interlock closes and locks.	
PIL Vision anti-piggybacking	
Interior biometrics.	
Lighting can be installed.	
Electrical equipment	
Network-compatible ETS 22 CAN bus control unit integrated in the unit.	
Installation	
With side walls on finished floor level FFL.	
The ambient conditions must be checked for outdoor installation.	

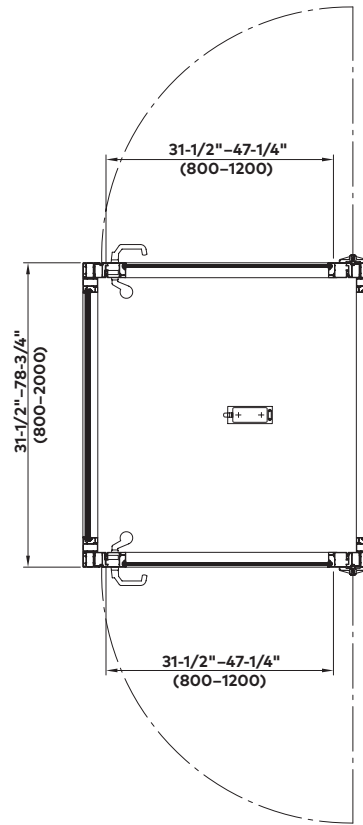
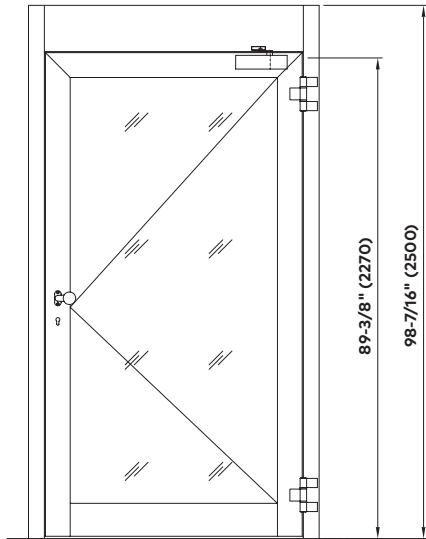


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Elevation drawings

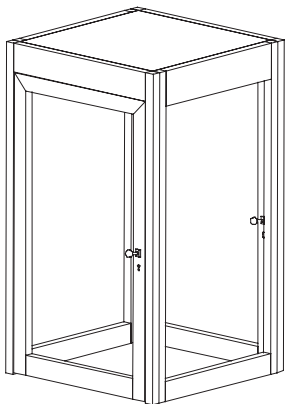


Note: Interlocks with automatic drives and a passage width of 36" (915 mm) and upwards offer a barrier-free solution.

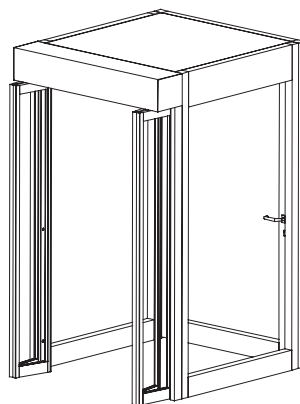


Note
Dimensions are shown as inches followed by millimeters; for example, 1" (25).

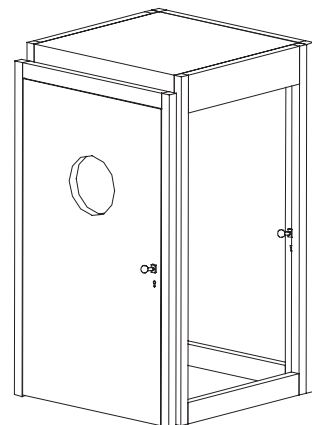
Combination examples



PIL-M01 with swing door, basic version



PIL-M01 with folding door and swing door



PIL-M01 with fire-rated swing door

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Options

Construction

Increase canopy height.

Side wall consisting of aluminium profile with 5/16" (8 mm) tempered laminated glass (TLG).

Side wall consisting of aluminium profile.

Swing door consisting of aluminium profile with 5/16" (8 mm) tempered laminated glass (TLG).

Swing door consisting of aluminium profile.

Smokeproof swing door with 5/16" (8 mm) tempered laminated glass (TLG).

Magnetic clamp (locking force 5000 N) in addition to electrical door opener for outer or inner door..

Fire-rated door

Folding door 3/8" (10 mm) tempered laminated glass (TLG).

Finished floor installation.

Base frame for raised floor applications.

Function

Electromechanical dormakaba FD20 drive (with return spring) for swing door (not suitable for fire rated doors).

Electromechanical dormakaba FD20 F drive (with return spring) for swing door. Suitable for fire rated doors.

Pre-assembled finger protection for swing doors. 

Safety sensors for interior and exterior doors. 

Concealed door closer

Emergency egress compliant.

Electrical equipment

Push button for manual single release.

Key-operated push button or switch prepared for on-site profile half cylinder to install in surface mount housing or console.

OPL 05 operating panel.

Glass break detection.

Door status switches for monitoring.

Indicator lights.

Contact mats.

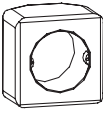
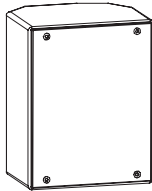
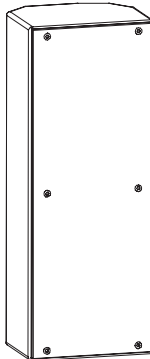
Interior LED lighting.

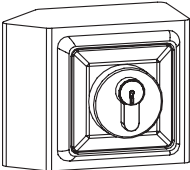
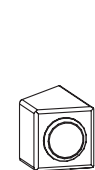
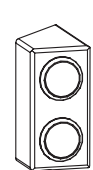
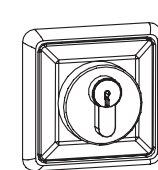
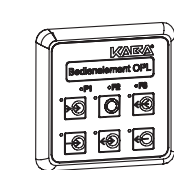
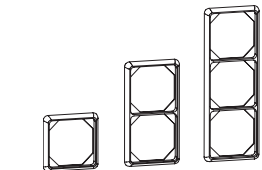

Additional inputs and outputs.

 Safety device

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Optional components

Console 1	Console 2	Console 3
 <p>Plastic in color of unit or in RAL 9006</p> <p>Width: 3-11/16" (94 mm) Height: 3-11/16" (94 mm) Depth: 2-9/16" (65 mm)</p>	 <p>Aluminium in color of unit or in RAL 9006</p> <p>Width: 5-1/2" (140 mm) Height: 7-1/8" (180 mm) Depth: 4-3/8" (110 mm)</p>	 <p>Aluminium in color of unit or in RAL 9006</p> <p>Width: 5-1/2" (140 mm) Height: 14-3/8" (365 mm) Depth: 4-3/8" (110 mm)</p>

Electric key-operated push button in console	Release button	Signal device	Key switch	OPL05	Frame for flush-mounting	Emergency egress terminal
						

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