

Day & Night solution

ASSA ABLOY HS8010PDN, HS8020PDN
+ ASSA ABLOY OH1042PDN

ASSA ABLOY
Entrance Systems

Experience a safer
and more open world



The best of both worlds

A well insulated ASSA ABLOY OH1042P overhead sectional door for the night keeps the warmth in and the uninvited guests out. For day use, when you have to go in and out frequently, an efficient ASSA ABLOY high speed door ensures a short passage time.

Why a Day & Night solution?

- In Night mode the high security and well-sealed ASSA ABLOY OH1042 overhead sectional door is closed.
- In Day mode you get a short passage time and high efficiency when the ASSA ABLOY high speed door is in use.
- Reduced energy cost.
- A burglar resistance Class 2 certification is possible for the ASSA ABLOY OH1042 overhead sectional door.
- The Day & Night solution is the most efficient solution when the passing frequency is high.
- All access and automation options are available.
- In case of a crash the self-repairing ASSA ABLOY high speed door gives no down time and no repair cost.
- When one of the doors is out of function it is always possible to close the opening.

Technical Data

ASSA ABLOY OH1042PDN

Min size (W x H)	2000 x 2000 mm
Max size (W x H)	5500 x 5500 mm
Panel thickness	42 mm
Windows	optional
Pass-door	not possible
Wind load resistance, EN 12424	W < 4250 class 3 (700 N/m ²) W > 4250 class 2 (450 N/m ²)
Water penetration, EN 12425	class 3 (170 pa)
Air permeability, EN 12426	class 3
Thermal transmittance, EN 124283	
Full panel (steel) door	1,10 W/(m ² K)

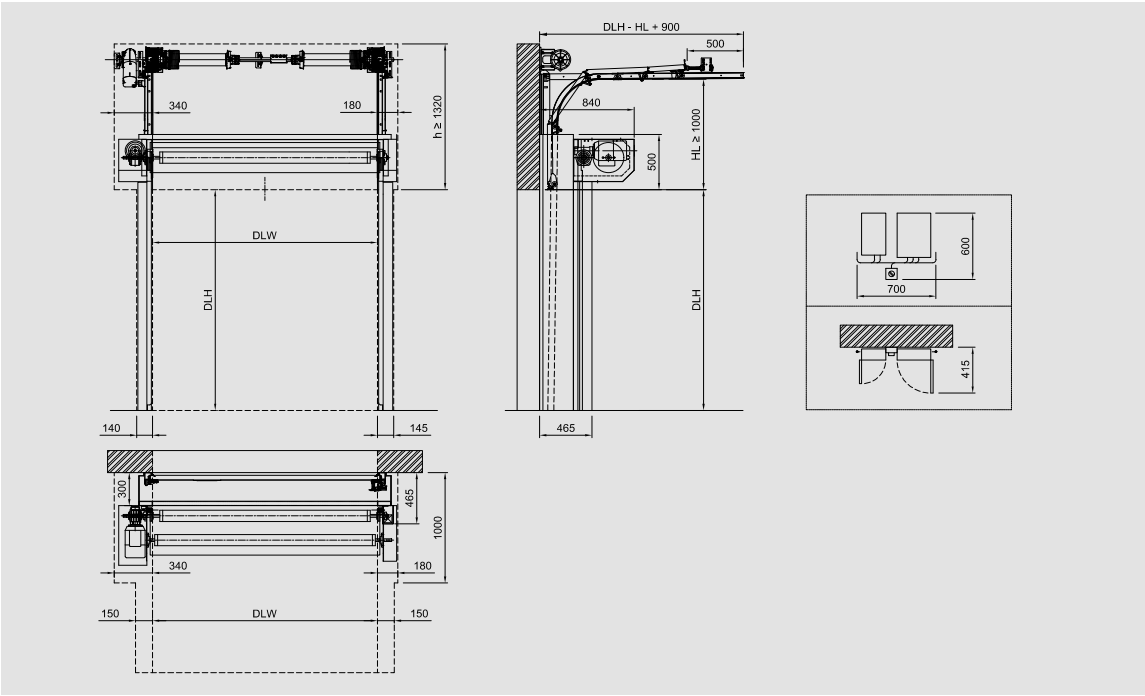
Technical Data

ASSA ABLOY HS8010PDN, HS8020PDN

Min size (W x H)	2000 x 2000 mm
Max size (W x H)	5500 x 5500 mm
Operating speed	opening: up to 2,4 m/s ¹⁾ closing: 1,2 m/s
Wind load resistance, EN 12424	HS8010PDN class 3 (700 N/m ²) class 4 (1000 N/m ²) W < 4000 HS8020PDN class 4 (1000 N/m ²) class 5 (>1000 N/m ²) W < 5000
Water penetration, EN 12425	class 2 (50 N/m ²)
Air permeability, EN 12426	class 1 (24 m ³ /m ² /h at 50 Pa)
Thermal transmittance	6,02 W/ (m ² K)
Lifetime expectations	1.000.000 cycles

1) Depending on door size

Dimensional specifications



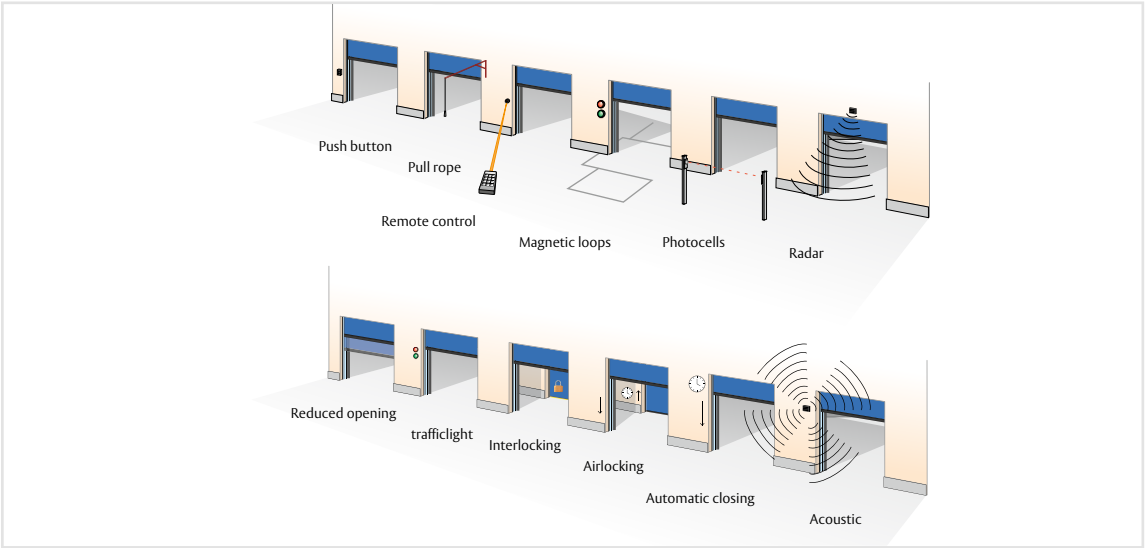
How does it work



Day mode = ASSA ABLOY HS8010PDN, HS8020PDN
Turning the switch from night mode to day mode. The ASSA ABLOY overhead sectional door will open. When fully open, the ASSA ABLOY high speed door starts to close and is ready for operation.

Night mode = ASSA ABLOY OH1042P
Turning the switch from day mode to night mode ASSA ABLOY High speed door will open. When fully open, the ASSA ABLOY overhead sectional door starts to close for optimal insulation and security.

Options access and automation












Standard outside colours

Overhead Sectional Doors

 Yellow RAL 1021	 Blue RAL 5010	 Black grey RAL 7021	 Grey white RAL 9002	 Aluminium grey RAL 9007
 Flame red RAL 3000	 Green RAL 6005	 Graphite grey RAL 7024	 Jet black RAL 9005	 White RAL 9010
 Sapphire blue RAL 5003	 Anthracite grey RAL 7016	 Chocolate brown RAL 8017	 Light grey RAL 9006	 On request Other colours

High Speed Doors

 Signal yellow RAL 1003	 Flame red RAL 3000	 Moss green RAL 6005	 Jet black RAL 9005	 On request Other colours
 Pure orange RAL 2004	 Ultramarine blue RAL 5002	 Light grey RAL 7035	 White RAL 9010	