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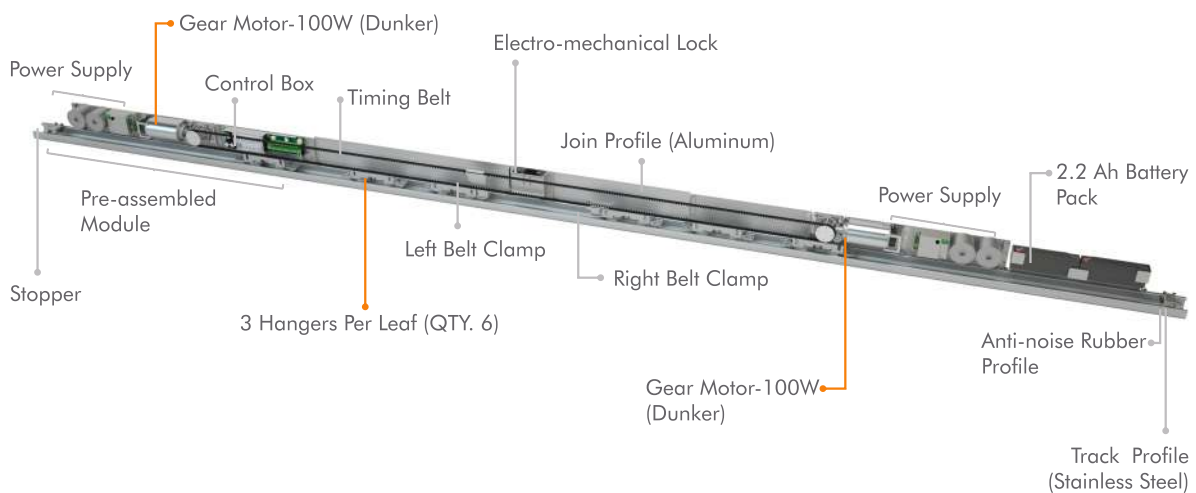
## **Airdrive68NG/H**

Automatic Sliding Door-Heavy Duty

# Airdrive68NG/H

**68mm\*135mm - the tiniest powerful operator available in the world market**

To make sure this sliding system has the strength to handle heavier doors, Airdrive68NG/H employs two 100W motors and three hangers per leaf.



Standard	Airdrive68NG/H
DIN18650	✓
EN16005	✓
EN60335	✓
EN ISO 13849	✓
EU low voltage directives	✓

Standard	Airdrive68NG/H
EU EMC directives	✓
ISO 9001	✓
TÜV approved	-
CE conformity	✓
1.000.000 cycles durability test	✓

**Technical Detail**                      **Airdrive68NG/H**

Opening width - single panel	800 - 2000 mm
Opening width - double panel	1000 - 3000 mm
Max leaf weight, single	1 x 170 Kg
Max leaf weight, double	2 x 150 Kg
Operator height	68 mm
Operator depth	135 mm
Opening speed	Variable up to 0.9 m/s (Double leaves)
Closing speed	Variable up to 0.9 m/s (Double leaves)
Hold-open time	0 - 30 s
Ambient temperature	-15 to + 50°C
Protection class	IP 20
Track profile	Stainless Steel
Anti-noise rubber profile	✓
External protected power supply	✓
Power supply power	230V / 24V, 260VA
Gear motor power	100 W
Number of motors	2
Number of control units	1
Number of hangers per leaf	3
Dual gear motor and control unit set for master and slave concept	-
Max power consumption	500 W

**Technical Detail**                      **Airdrive68NG/H**

Max operation cycles with 2.2 Ah battery (Optional)	≈400
Possibility to adjust force limitation according to DIN18650 and EN16005	✓
Possibility to use safety sensors with testing signal	✓
Emergency exit routes in both directions	-
Mechanical key switch (Optional)	✓
24V DC output for external accessories	✓
Power Lock	✓
Possibility of using electromechanical lock (Optional)	✓
Lock monitoring	✓
Possibility of using digital programme switch (Optional)	✓
Read-out error memory with error codes (with digital programme switch)	✓
Programmable output (Optional)	✓
Programmable input (Optional)	✓
Possibility of using more software and hardware options by using DEAP device (Optional)	✓

**Frame Types**

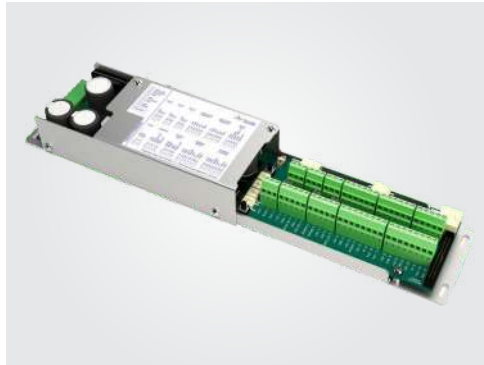
Air-TBS	✓
TBS	✓
UTS	✓
Saturn	✓
Frameless	✓

Designed • Developed • Made in Germany

## CONTROL UNIT

Meeting the following standards:

EN ISO 13849-1 | DIN 18650-2 | DIN 18650-1 | EN 16005 | EN 60335-1



DIN  
18650

EN  
16005

EN  
60335

TÜV  
approved

## GEAR MOTOR

Like its other state-of-the-art parts, Deuschtec Airdrive68NG motors are fully made in Germany. Their 100W motors are absolutely indestructible and are there to ensure reliable performance for a lifetime. Great efficiency and enhanced function are achieved through employing years of experience and the latest technologies in the process of our motors' design and production. These brushed DC motors are so quiet that while in action, you will hear nothing but a muffled sound.



# TRACK PROFILE

## Stainless Steel Track Profile | Timeless Presence

Deushtec Airdrive68NG/H plays the most hauntingly beautiful music: smooth silence! By making use of stainless steel track profiles, we have managed to present you with trustworthy hard-wearing entry solutions which will please your eyes with their splendor and will treat your ears kindly by their soft performance. The artistic profiles also make our Airdrive68NG stay with you for a much longer time.



# PRE-ASSEMBLED MODULE

Applying pre-assembly method and mounting most parts on the module have made this state-of-the-art system's installation and service amazingly quick and painless. Instead of mounting the parts one by one, the installer will only have to place the module with its all pre-assembled parts in position.



# GREEN TECHNOLOGY

## Less than 0.5 W usage in lock and full-open positions

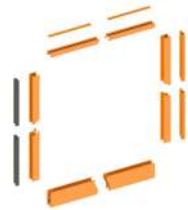
When putting the door in full-open or locked position, sensors will turn off. By pressing any buttons of the digital key, changing the mechanical key status or winding the safety key outside the door, the system will immediately start running and functioning just as smoothly. When the door is in full-open or locked position, it uses less than 0.5W.

# FRAMES

## Air-TBS

### Invisible frame top when employing Air-TBS profile system

The combined design of Airdrive68NG/H system accompanying thermal break Air-TBS frames has resulted in its horizontal upper profile being invisible and has been a tremendous help in bringing outstanding gorgeousness to any entrance.



## TBS

When saving energy is of importance, TBS frame is an economical and inexpensive solution.



## UTS

UTS frame is the non-thermal break version of TBS and has all its advantages.



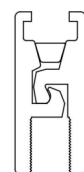
## SATURN

Saturn is a reasonably-priced frame suitable for single-glazing and tempered glass.



## FRAMELESS

This full-glass system is the most suitable choice for those who wish to have elegance combined with radiance.



# ACCESSORIES

## Mechanical Key Switch

Deuschtec Airdrive presents its mechanical key switch with the five modes of full open, partial open, lock, automatic and one-way. Simple yet functional, this is another accessory which will definitely come in handy.



## Digital Programme Switch

User-friendly has been given a whole new meaning with this digital programme switch's easy-to-read, full-text display. You will get easy access to all performance data and parameters and for any special need you might have, its adjustment and diagnostic processes can be accurately duplicated or customized. Protection password code is another significant feature of this digital programme switch. Such a terrific "optional" part cannot be ignored!



## Electromechanical Lock

Deuschtec Electromechanical lock has been a dependable way to safeguard your security all the time. It utilizes steel pins to lock both leaves simultaneously and therefore, is much safer compared to those models which lock the timing belt or just one leaf. Furthermore, since it employs bi-stable mechanism, system's power reset does not affect the lock's state. Due to using powerful batteries and an intelligent circuit, battery usage is reduced to zero when the door is locked and there is a power-cut.



## Battery

We are offering you doors which will never fail. Deuschtec Airdrive batteries provide the system with steady flow of energy. In the event of a power-cut, the 2.2 Ah battery will provide you with  $\approx 400$  cycles of open/close. No matter what, these doors with their marvelous operating systems will not let you down!





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