

Holux[®]

BY DEUSCHTEC GMBH

SLIDING DOORS

If you desire the smartest technology, the most efficient system, the smoothest entrance solution and the most

elegant design, we are proud to say that the search is over: Holux X-Series is what you are looking for!

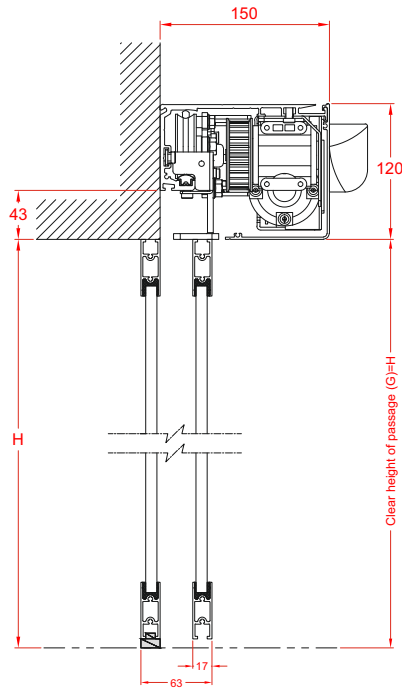
INTRODUCTION



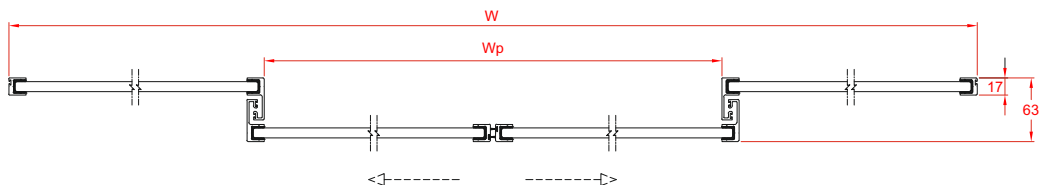


SLIDING DOORS





Compliant with:	Holux X3	Holux X4
German standard DIN 18650	✓	✓
EU standard EN 16005	✓	✓
EU standard EN 60335	✓	✓
EU standard EN ISO 13849	✓	✓
Manufactured according to DIN ISO 9001	✓	✓
EU low-voltage directives	✓	✓
EU EMC directives	✓	✓
CE conformity	✓	✓
Tested for 1.000.000 Cycles	✓	✓
Frame types		
THB	✓	✓
TBS	✓	✓
UTS	✓	✓
Saturn	✓	✓
Frameless	✓	✓



	Holux X3	Holux X4
Opening width - single leaf	800 - 2000mm	800 - 2000mm
Opening width - double leaf	1000 - 3000mm	1000 - 3000mm
Max leaf weight (single)	150kg	200kg
Max leaf weight (double)	2 x 100kg	2 x 150kg
Operator height	120mm	120mm
Operator depth	150mm	150mm
Opening speed	100 - 550mm/s	100 - 550mm/s
Closing speed	100 - 500mm/s	100 - 500mm/s
Hold-open time	0 - 30s adjustable	0 - 30s adjustable
Protection class	IP20	IP20
Ambient temperature	-15 to + 50°C	-15 to + 50°C
Input power	230V AC ± 10%, 50/60 Hz	230V AC ± 10%, 50/60 Hz
Input power US-version	115V AC ± 10%, 50/60 Hz	115V AC ± 10%, 50/60 Hz
Max power consumption	200W	250W
German-made control unit	✓	✓
German-made motor	✓	✓
Gear motor power	50W	100W
Track profile	Detachable aluminum	Detachable aluminum
Anti-noise rubber profile	✓	✓
Rechargeable backup battery	optional	optional
Max operation cycles with 2.2 Ah backup battery	450	400
Possibility to use safety sensors with testing signal	✓	✓
Possibility to adjust force limitation according to DIN 18650 & EN 16005	✓	✓
Mechanical key switch	✓	✓
Digital programme switch	optional	optional
Electromechanical lock	optional	optional
Lock monitoring	✓	✓
Power lock	✓	✓
24V DC output for external accessories	✓	✓
Read-out error memory with error codes (with digital programme switch)	✓	✓

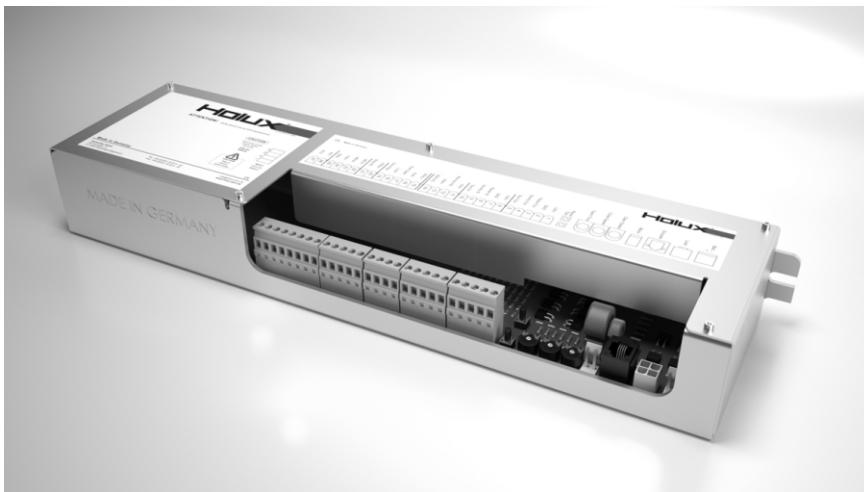
We have considered your longing for a glamorous facade and this is why our system offers the 120 mm header. Our sleek profiles are a perfect combination of beauty and strength. The aesthetically pleasing entrances we

provide enjoy impressive frame designs, which are capable of matching with both aluminum and glass to fulfill every single need for modern charming architecture.



Holux X3/X4 new controlling micro-processor circuit board is designed and made by utilizing the most novel parts and latest technologies. Hence despite its miniscule size, its capabilities are incredibly superior to those of older models. In each and every step of designing and producing this controller, we have taken care of all research, design and production stages in Germany and under close supervision of our German engineers who have decades of invaluable

experience and we have also thoroughly followed all European Union and German DIN norms, such as machinery directives and electromagnetic compatibility (EMC) regulations. This has led Holux X3/X4 controller to ensure your safety and live a much longer prosperous life compared to similar products. Moreover, due to the use of sophisticated technologies to save energy and resources, you can be justly proud of enjoying an eco-friendly technology!

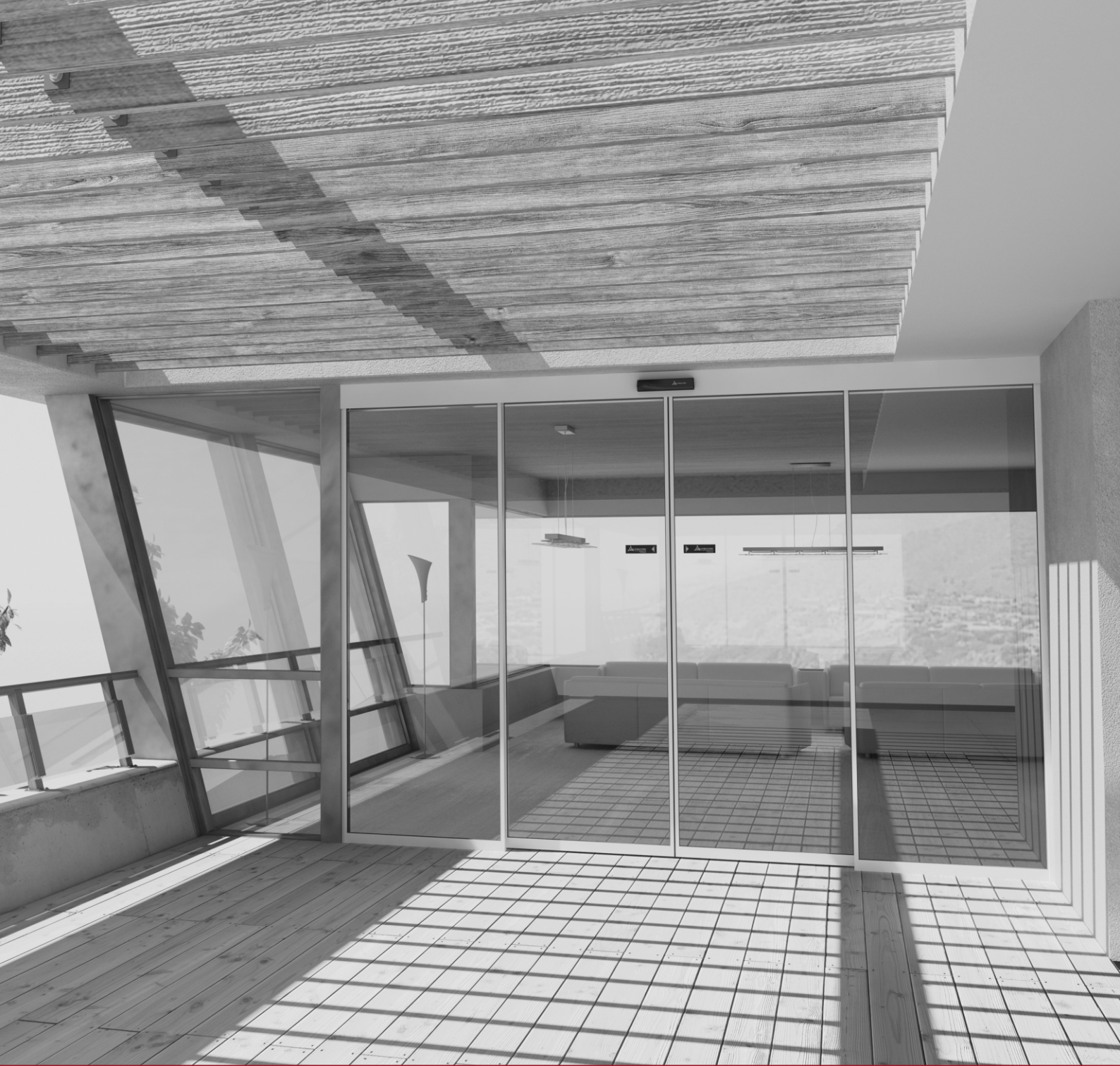


Some points worth considering are

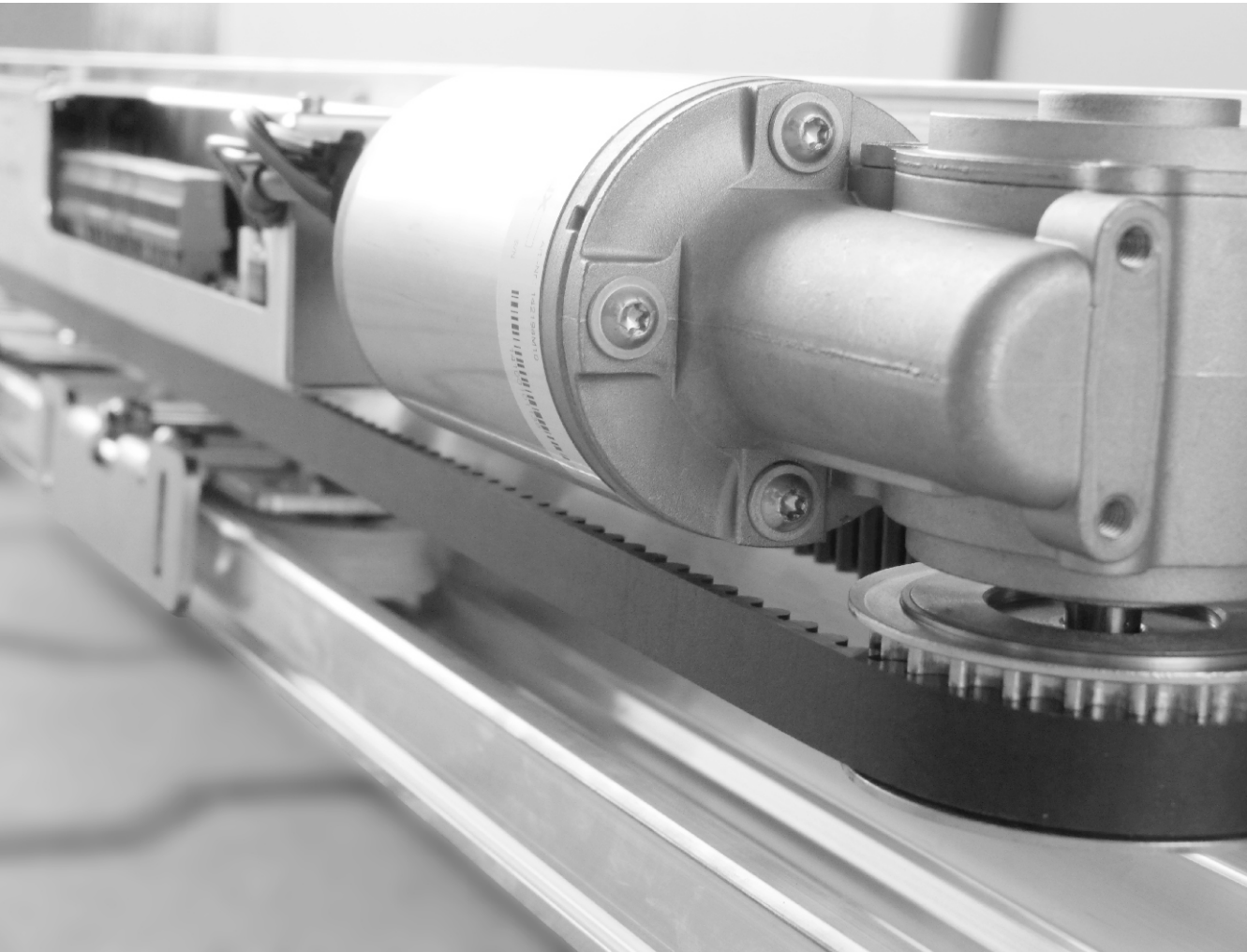
- Ability to work with battery in case of power-cut for non-escape models.
- Ability to charge and perfectly maintain the battery which brings the battery a much longer lifetime.
- Ability to match with various types of sensors available in the market.
- Ability to be adjusted and programmed by digital programm switch.
- Self-diagnose and error detection.
- Having standard RS485 interface for connecting to other accessories.
- Ability to automatically adjust speed and slopes according to input voltage changes.
- Ability to work with 20% higher or lower than nominal input voltage.
- Completely protected system input ports which reduce the damage risk due to human error during installation.

Meeting following standards:

- EN ISO 13849-1:2008
- DIN 18650-2:2010
- DIN 18650-1:2010
- EN 16005:2012
- EN 60335-1:2012



SLIDING DOORS



In case you fancy the most reliable system which will be there for life, Holux X3/X4 is your best option possible. Made in Germany, their robust motor easily handles high traffic for an indefinite time. It assures durability and promotes maximum efficiency. Being maintenance-free and

having surface protection and minimum interference radiation, this motor promises user-friendliness and longevity. Holux X3/X4 brushed DC motor works so smoothly that their noise is literally like an almost inaudible whisper!

In many cases, there is no real need for (optional) electromechanical lock and buildings ensure security by other means.



However, it is necessary for the entrance to be allowed limited access. In this case, power lock free function is a wholesome solution. When the door is locked, if there is pres-

sure on it for becoming open, the motor will use its full power in the opposite direction and make it practically improbable to enter for unauthorized individuals.



SLIDING DOORS

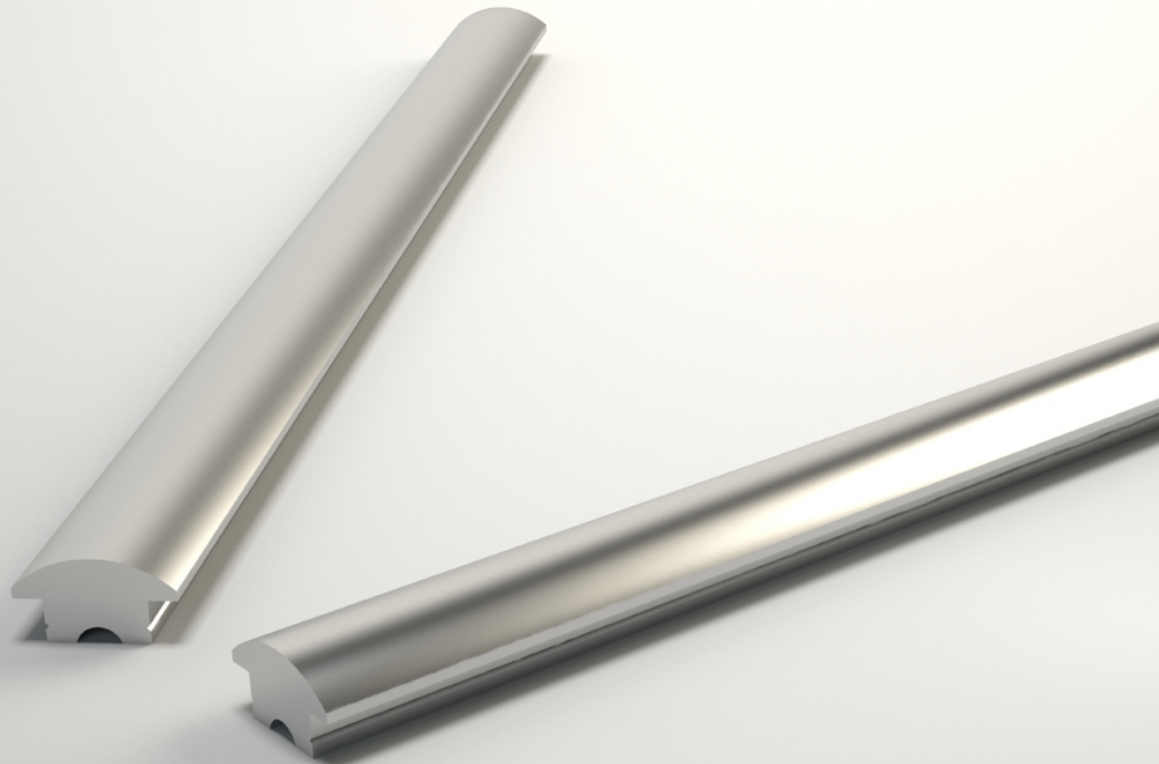




There are so many pleasant sounds on this planet which color our world. However, Holux sliding doors please you with nothing but a faint hum! You see your Holux doors open welcomingly although you do not hear them!

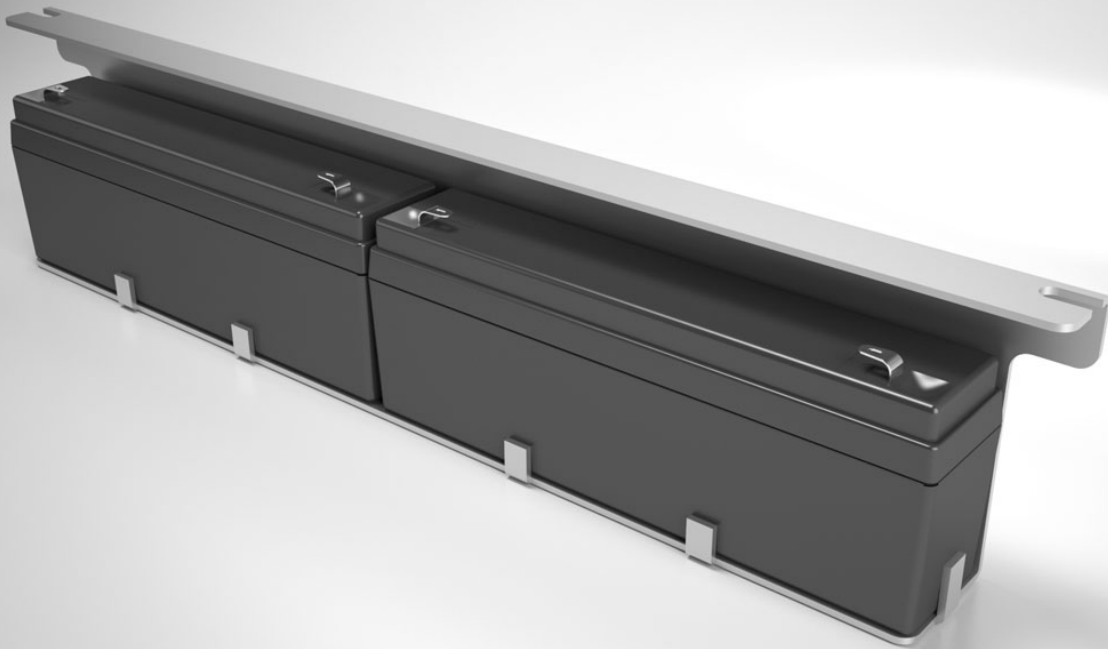
Our unbelievably smooth entrance solution employs a detachable aluminum track profile with a rubber profile to reduce the noise to no more than a muffle.

ALUMINUM TRACK PROFILE



Our doors will always open for you !

Holux sliding systems' 2.2 Ah battery will be your trusted friend for all time.



This strong vital part will open and close your door up to 400 times in case of power failure. You never have to worry again whether your

backup generator supports you or not because Holux X-Series is its own backup!

BATTERY



SLIDING DOORS

Holux electromechanical lock has been designed for the highest levels of security. 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 bistable 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.

Thus, even weeks after the input electricity has been cut, the system can open the lock and the door by the key switch, which is an optional accessory and can be installed outside of the entry area.

*In case of using a remote control or any other battery-operated device, battery's life in the event of power-cut depends on how much the receiver or other accessories draw on the energy.

Digital Programme Switch

Our digital programme switch's easy-to-read, full-text display provides perfectly well-defined access to all performance data and parameters. Adjustment and diagnostic processes can be accurately duplicated or customized to meet your specific needs. Moreover, it has protection password code. It must be hard to resist the lure of such a brilliant "optional" part!



Mechanical Key Switch



A mechanical key switch might sound a little old-fashioned. The upside, however, is that due to its being around for quite a long time, you will need no special knowledge or expertise to enjoy its advantages. It also offers five modes: full open, partial open, lock, automatic and one-way. This key switch is simply another tempting accessory!

Being an outstanding example of glamour coupled with great strength, **Holux X3** is an excellent choice for places where average-sized doors with normal glass will do. This model stands a maximum load of 200kg with considerable ease. Our user-friendly masterpiece understands and fulfills your desire for an eco-

friendly entry solution. Moreover, we have made sure your budget is taken care of. Holux X3's highest standards are there to guarantee the security you deserve whether you are doing your daily shopping at a local department store, enjoying your stay at a cozy hotel or entertaining at a snug bowling alley!



X3 SLIDING DOOR APPLICATION

X4 SLIDING DOOR APPLICATION

Holux X4 is specially designed for the most demanding interior or exterior applications and provides superior strength and sturdiness. This model can easily handle a maximum load of 300 kg. Holux X4 welcomes traffic where tall and heavy doors or triple-glazing glass are required, is

low maintenance, energy saving and the safest solution for you, regardless of whether you are relaxing at a hotel, having fun at a recreational center, shopping at a chain store or taking care of administrative tasks at a governmental building.





Holux products takes care of your budget by offering the most economical solution. Each and every door at Holux can be personalized to meet all your needs. Our design conserves energy so that you can

save money! Besides safety and innovation, the hard-wearing product we manufacture has much more to offer: competitive prices and customized features. Whatever vision you have, we can make it real.

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