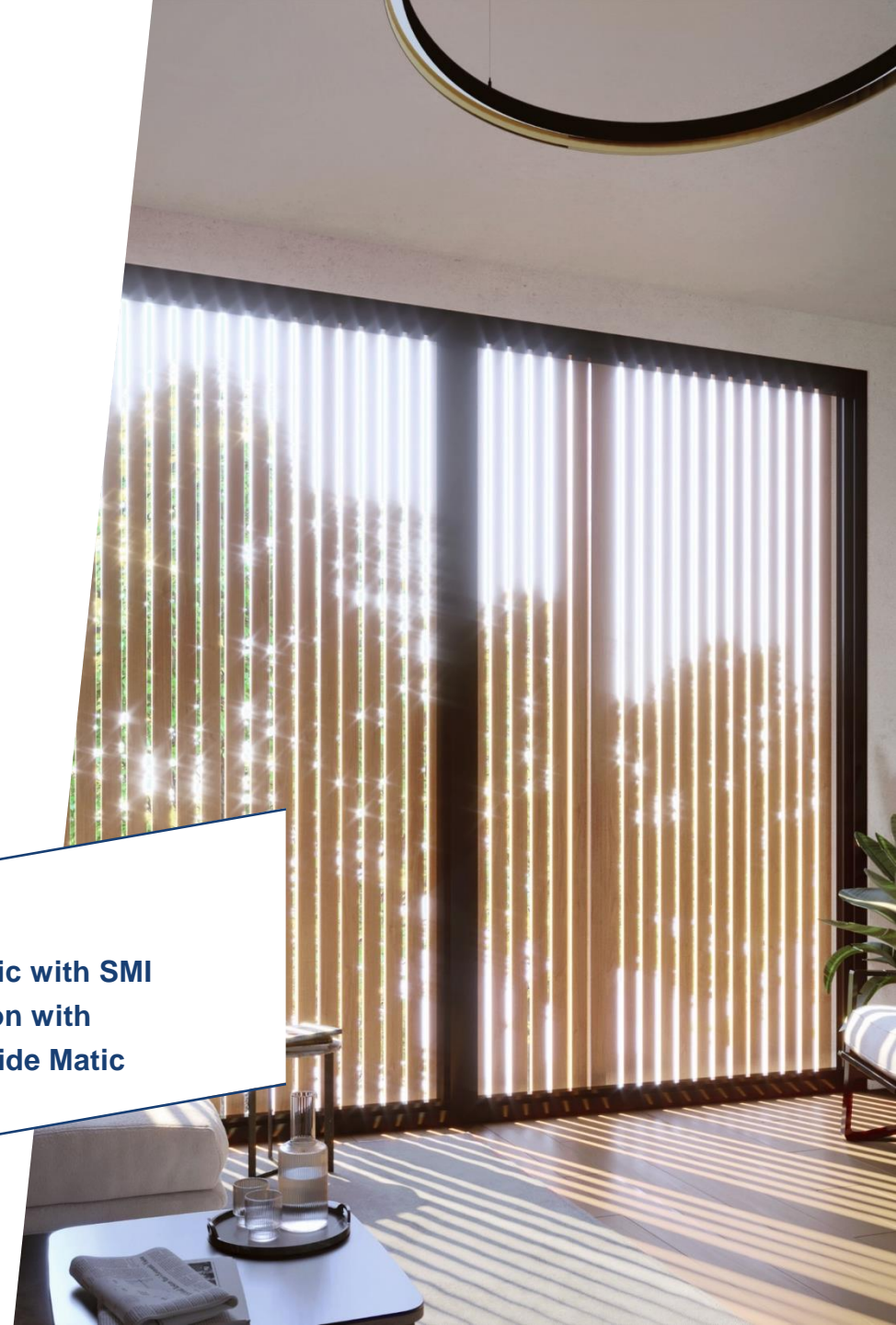


Market launch presentation

Hawa Motronic with Standard Motor Interface (SMI)

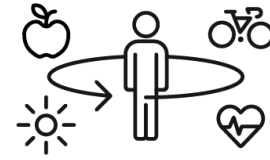
Versioning: January 2023

**Hawa Motronic with SMI
in combination with
Hawa Frontslide Matic**



Regardless of whether the façade is to be open or closed depending on the time of day, whether it needs to withstand certain climatic influences or it needs to convey a unique architectural idea.

**These are all optimum prerequisites
for inspirational applications on buildings
which fulfill the needs of today
and tomorrow.**



Light is life – optimum use of daylight is good for health, performance capability and well-being.

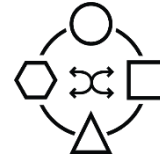
Hawa Motronic with SMI makes automatic optimum lighting conditions possible.



Climate change is making extreme demands of façade planners all over the world.

Hawa Motronic with SMI increases the energy efficiency of the building envelope.





Increasing functionality
of the façade as an
architectural trend.

**Hawa Motronic with SMI
provides a uniform
façade appearance,
plus optimum privacy and
protection from the sun.**

Shading is now more intelligent

Hawa Frontslide Matic

New with
SMI drive

Hawa Frontslide Matic with SMI drive

In three different weight classes





Hawa Frontslide 60 Matic

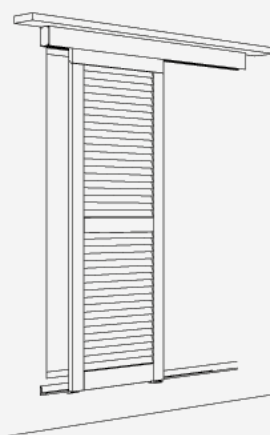
Fitting for top-running wooden or metal shutters up to 60 kg (132 lbs.), with screwed on running track. Ceiling or architrave mounting. Optionally with angled profile for wall mounting.

Product highlights

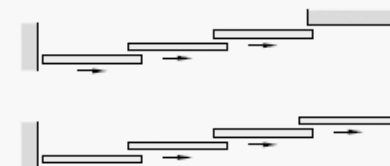
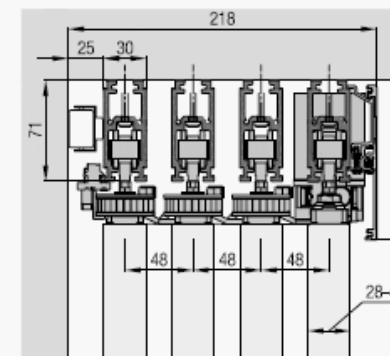
- Aesthetics** Attractive design solution for exciting and modern façade design
- Reliability** The shutters withstand even stormy winds, both open and closed

Technical specifications

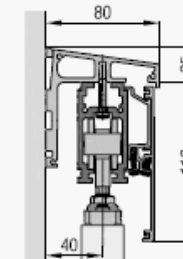
| | | |
|---|------|---|
|  | Max. | 60 kg (132 lbs.) |
|  | Max. | 3200 mm (10' 5 31/32") |
|  | | 400–3750 mm (1' 3 3/4" to 12' 3 5/8") (Max. shutter area 9.6 m² (103 ft²)) |
|  | | 28–45 mm (1 3/32" to 1 25/32") |



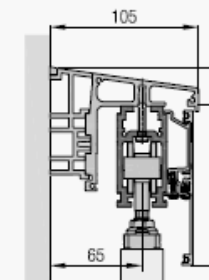
Hawa Frontslide 60 matic
Telescopic 4



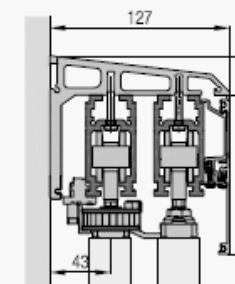
Hawa Frontslide 60 matic
Telescopic 3,4
Hawa Frontslide 100 matic
Telescopic 3,4



Hawa Frontslide 60 A/matic



Hawa Frontslide 60 A/matic



Hawa Frontslide 60 A/matic

Hawa Frontslide Matic with SMI drive

In three different weight classes





Hawa **Frontslide** 100 Matic

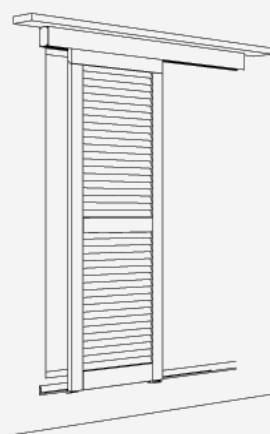
Fitting for top-running wooden or metal shutters up to 100 kg (220 lbs.), with screwed on running track. Ceiling or architrave mounting.

Product highlights

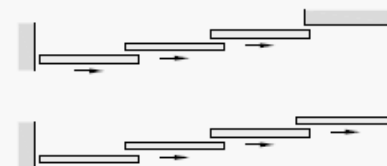
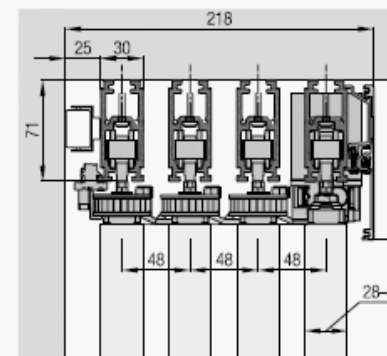
- Aesthetics** Attractive design solution for exciting and modern façade design
- Reliability** The shutters withstand even stormy winds, both open and closed

Technical specifications

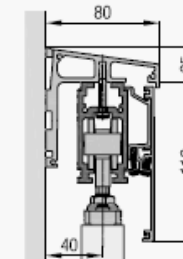
| | | |
|---|------|---|
|  | Max. | 100 kg (220 lbs.) |
|  | Max. | 3200 mm (10' 5 31/32") |
|  | | 500–3750 mm (1' 7 11/16" to 12' 3 5/8") (Max. shutter area 9.6 m² (103 ft²)) |
|  | | 28–50 mm (1 3/32" to 1 31/32") |



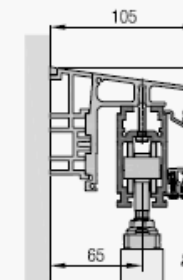
Hawa Frontslide 60 matic
Telescopic 4



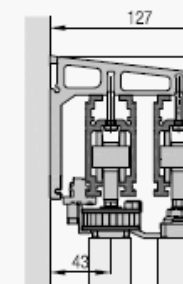
Hawa Frontslide 60 matic
Telescopic 3,4
Hawa Frontslide 100 matic
Telescopic 3,4



Hawa Frontslide 60 A/matic



Hawa Frontslide 60 A/matic



Hawa Frontslide 60 A/matic

Hawa Frontslide Matic with SMI drive

In three different weight classes

Hawa Frontslide 140 Matic

Automated fitting with SMI interface for wooden or metal shutters up to 100 kg (220 lbs.), with screwed on running track. Ceiling or architrave mounting.

Product highlights



Comfort

Automated system with building control interface
Optimized individual use of daylight

Reliability

Extremely robust sliding shutter that has been tested
for 100,000 cycles
High resistance to wind and corrosion

Technical specifications



Max. 100 kg (220 lbs.)



Max. 3200 mm (10' 5 31/32")



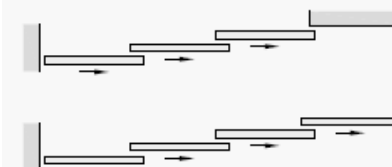
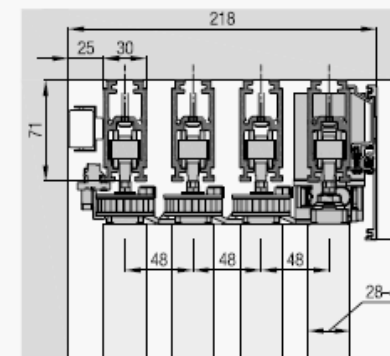
650–3750 mm (2' 1 19/32" to 12' 3 5/8")
(Max. shutter area 6.24 m² (67 ft²))



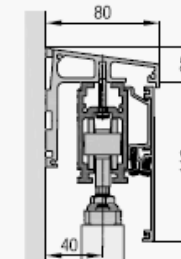
28–50 mm (1 3/32" to 1 31/32")



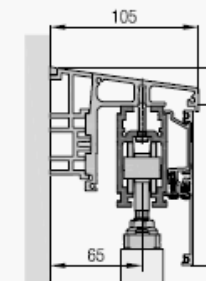
Hawa Frontslide 60 matic
Telescopic 4



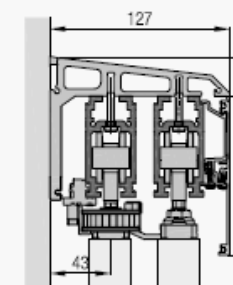
Hawa Frontslide 60 matic
Telescopic 3,4
Hawa Frontslide 100 matic
Telescopic 3,4



Hawa Frontslide 60 A/matic



Hawa Frontslide 60 A/matic



Hawa Frontslide 60 A/matic

Standard Motor Interface (SMI)

Interface between sun protection and building control

What is SMI?

The Standard Motor Interface is a uniform and powerful interface between the roller shutter/sun protection drive and the building control system. The power supply and data transmission take place via a 5-wire cable.

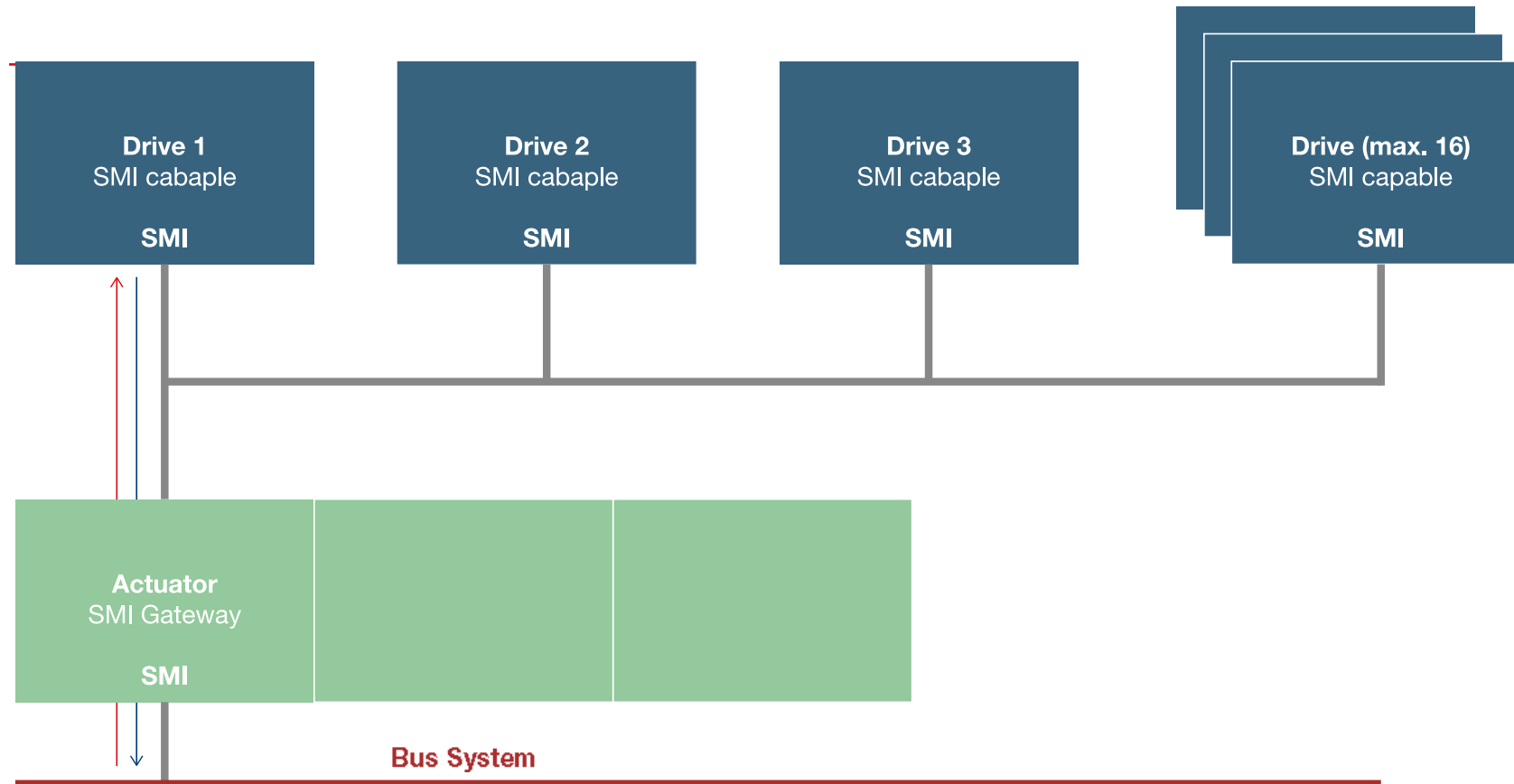
What isn't SMI?

The specialized sub-bus system is not an island solution (not a competitor for bus systems), but a uniform standard interface with which the shading system is integrated in the existing bus. It looks after the actuation of the electric drives.

SMI must therefore not be regarded a replacement, rather as an addition.

Standard Motor Interface (SMI)

Feedback directly from the drive



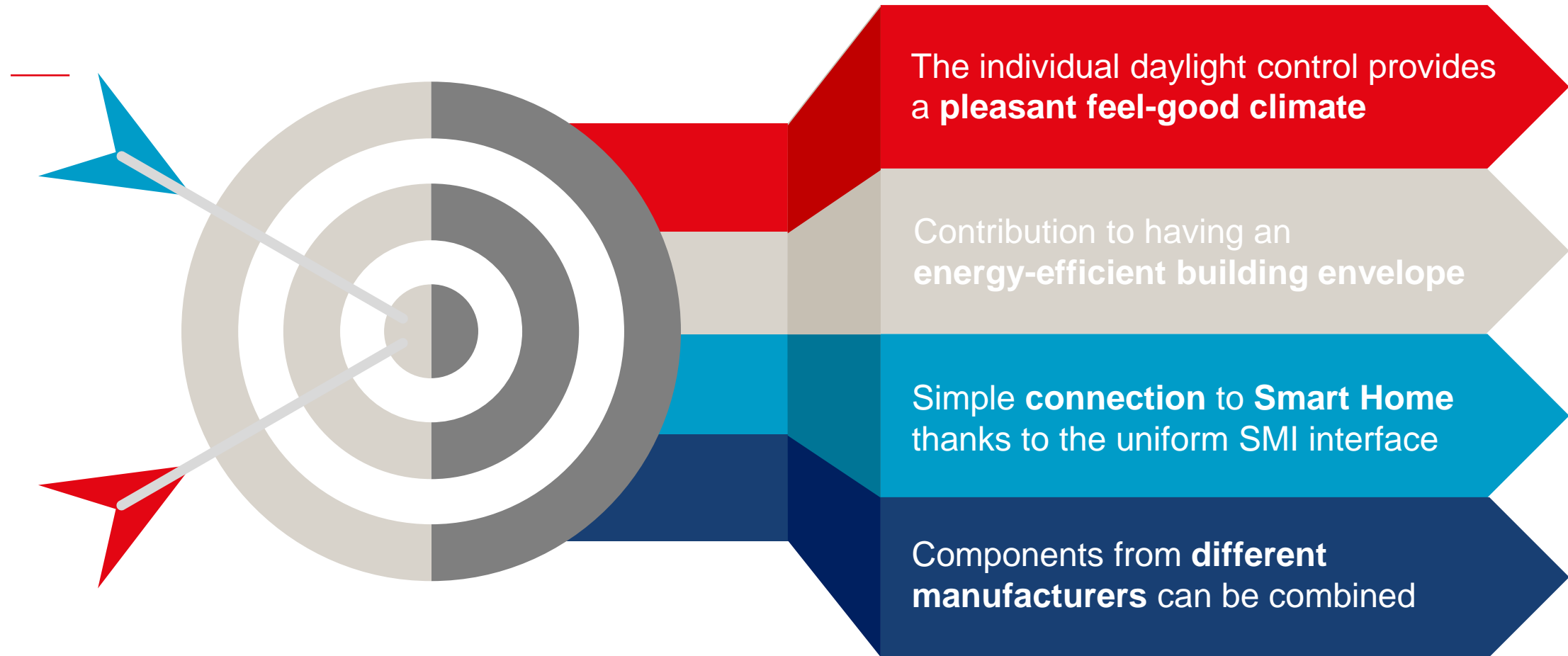
Explained in a simple way:



Until now, the signal only went from the bus system via actuator to the drive. With the SMI interface, we offer the standardized interface in the shading industry. In addition, SMI provides feedback from the actuator to the bus system.

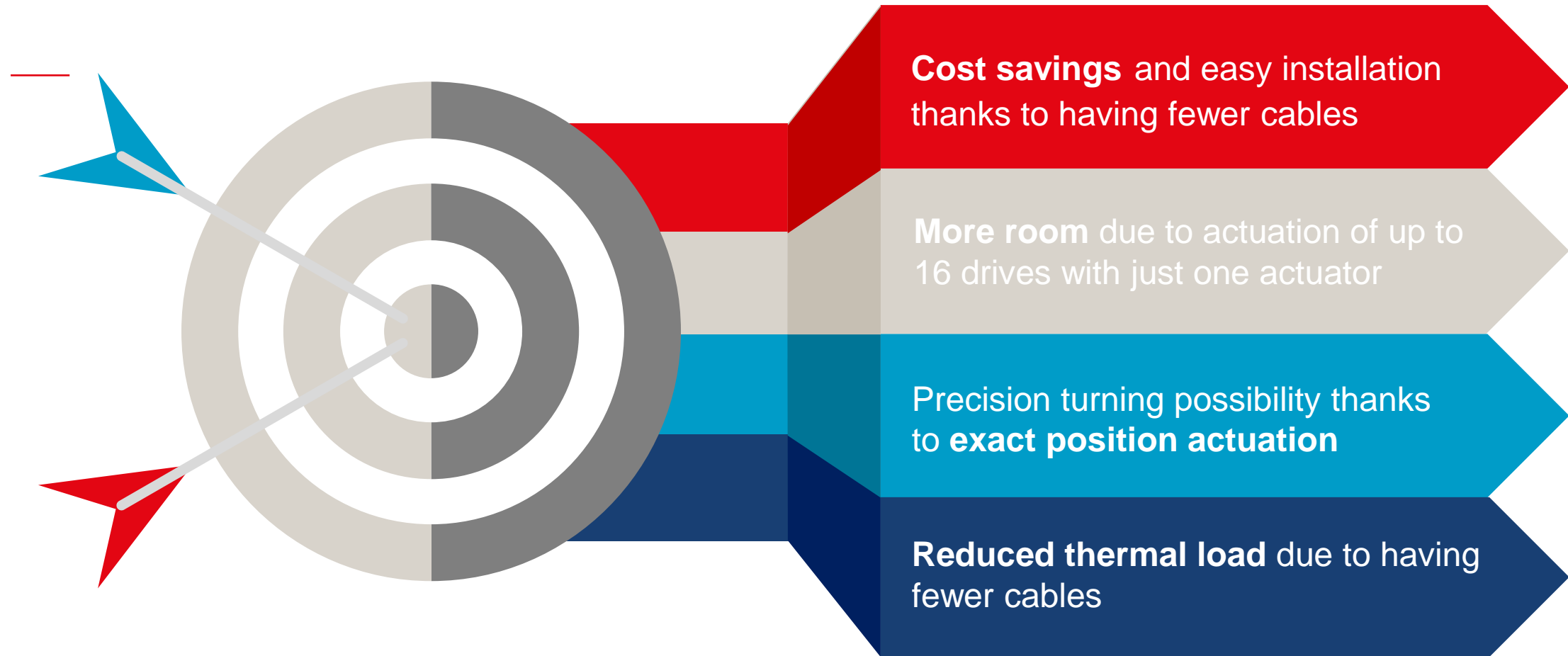
Highlights

for architects, planners and users



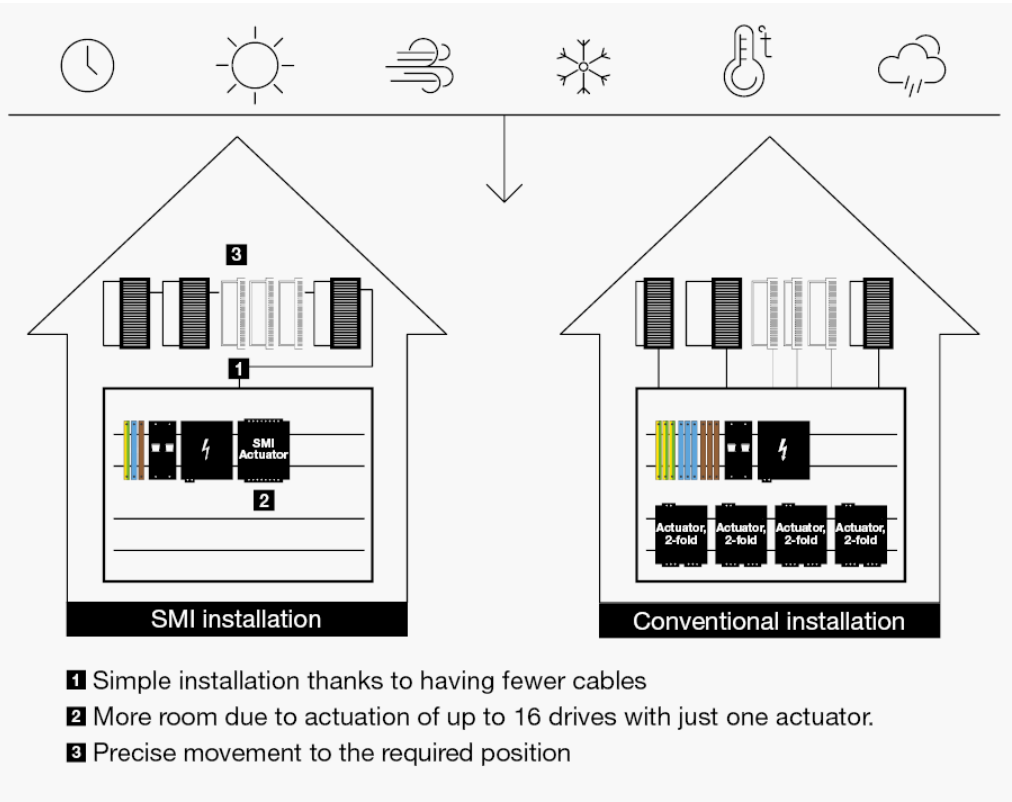
Highlights

for electrical planners, property developers and installers



Highlights

Comparison between SMI and conventional installation



| | SMI interface | Conventional BUS |
|----------------------------|--|---------------------------------------|
| Feedback | Directly from the drive | Only from the actuator |
| Position | Accurate to 1 degree or 1 mm | Movement to position over run time |
| Required actuators / drive | Up to 16 drives per actuator in parallel | Up to 8 drives / actuator in parallel |
| Individual control | Yes | Yes |

Highlights

Simple ordering procedure

| Article | Article number |
|---|----------------|
| Hawa Motronic 60 SMI | 30289 |
| Hawa Motronic 100 SMI | 30317 |
| Hawa Motronic 140 SMI | 30318 |
| SMI drive set for Hawa Frontslide 60 | 30520 |
| SMI drive set for Hawa Frontslide 100 | 30521 |
| SMI drive set for Hawa Frontslide 140 | 30522 |
| Wieland socket | 30277 |
| Adapter for SMI for commissioning box 23789 | 30363 |

More detailed information can be found in our “On buildings” catalog in the [Hawa Product Finder](#).

Market launch of Hawa Motronic with SMI

Milestones

