MANY APPLICATIONS - **ONE SOLUTION**

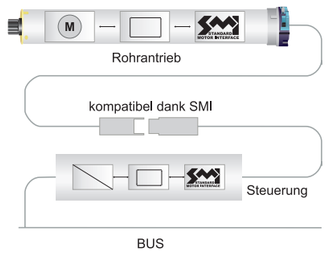
With the SMI products for roller shutters and sun protection **from Becker.**

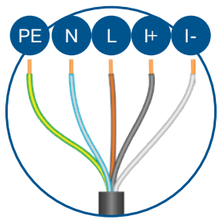
SMI
STANDARD
MOTOR INTERFACE

BECKER
for you. forever.

OPEN TO ALL

To transmit control information to all components of building automation, a system is required that avoids the issues of isolated solutions: it must ensure that all components communicate with each other in a common language. In short, a system like the KNX bus is needed, one that operates independently of the manufacturer and application. Becker‘s SMI drives offer true, active position feedback. These positions can be set with precise accuracy. Additionally, the SMI actuator allows up to 16 drives to be connected in parallel.





Compatibility

Different manufacturers provide a standardized electronic SMI interface, a compatible SMI data protocol, and uniform connection specifications. This ensures that all components speak the same language and can communicate with each other.

Cable Specification

A standard 5-core cable can be used for the connection. Both power supply and data transmission are carried out over the same cable. Cable lengths of up to 350 meters are possible. For identification, seven additional Key-ID adhesive labels are provided on the drive‘s connection cable.

Commissioning

The 16-channel actuator with a Bluetooth interface enables easy installation via an app, which can be downloaded free of charge. The end position setting of the drives is carried out using a standard SMI adjustment cable. No programming knowledge is required.

Download the Becker SMI Config Tool now!

Cost savings and easy installation thanks to fewer cables and actuators

Precise positioning of the systems ensures a uniform façade appearance and energy-efficient sun protection

Significantly reduced fire load due to lower cable usage

Easy maintenance thanks to simple and reliable visualization and diagnosis of curtain status and error messages

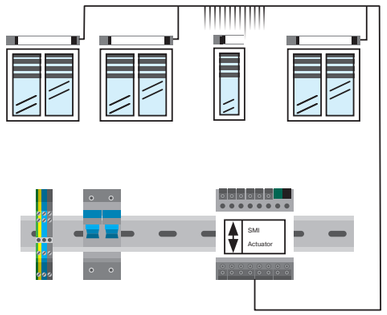
A standardized protocol ensures cross-manufacturer functional reliability, simplified tendering, and future-proofing

More space in the distribution box by controlling up to 16 drives with just one actuator

THE ADVANTAGES

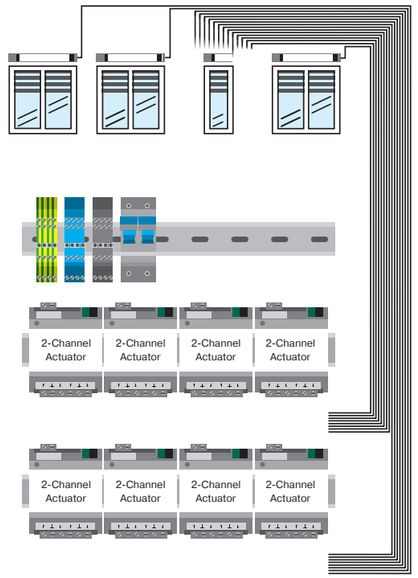
SMI Installation

16 Drives – 1 Supply Line
5 Cores to the System



Conventional Installation

16 Drives – 16 Supply Lines
64 Cores to the System



Diverse solutions with various drive types

SMI Drives Type S01 for Roller Shutters

- Obstacle Detection: Shuts down in case of obstructions (e.g., freezing) and torque increase
- Sensitive obstacle detection in the down direction to protect the application and the obstacle
- Freeze protectionw at the top: The drive stops shortly before reaching the upper stop end position
- Fly screen protection function: Detects an open insect screen door and prevents damage

SMI Drives Type S12 for Sun Protection

- Obstacle detection with multiple testing
- Fabric relief: The drive protects the fabric by relieving tension in the upper stop end position
- Fabric tensioning function: The drive tightens the fabric by moving to a freely adjustable reverse position
- Automatic curtain length compensation: Lengthening of the curtain is automatically detected and corrected

SMI Drives Type S18 for ZIP Systems

- Obstacle detection with multiple testing
- Sensitive obstacle detection with multiple testing.
- Fabric relief: The drive protects the fabric by relieving tension in the upper stop end position
- Automatic curtain length compensation: Lengthening of the curtain is automatically detected and corrected

BECKER
for you. forever.

BECKER-Antriebe GmbH

Drives and control units for
roller shutters, sun protection
and Extended Applications

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