



# DATA SHEET

## relay and blind control devices

### SIRO

Drive controls with comfort functions (24 V DC)  
 Article number 09500152



[Internetlink](#)

#### Function

Shutter and blind control devices are used to control single-phase consumers, such as awnings and door drives. Downstream contactors are recommended to switch multi-phase consumers or consumers with high loads. The SIRO roller shutter module is a component of the SI impulse system and facilitates the control of a motor for roller shutters, blinds or skylights, for example. The relays for up and down movement have a 2 A load capacity and are interlocked both mechanically and electrically. The direction of travel is also indicated on the two front LEDs. In addition to the control inputs for up and down movement, the device also has inputs for central and group commands as well as priority commands for wind sensors or rain sensors, for example. These allow control via the SIROLUX twilight switch. On the output side, the SIRO supports the connection of SIRO-SL slave modules and the switch position display on panels, for example.

#### Features

roller shutter control module for a 230 V/2 A motor, twilight linking possible with SIROLUX, master module for multiple SIRO-SL slaves, switch position indicator on front and as semiconductor output, inputs for individual, central/group and priority commands

#### Mounting

quick fastening to mounting rail, any installation position

#### Applications

The control device is used in private and commercially used buildings for controlling motors for roller shutters, blinds, awnings, skylights, garage doors, etc.

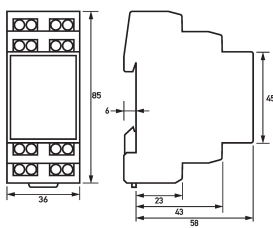
#### Technical Data

Technical Data	SIRO
Series	SIRO
Number of (n.o, n.c.,change-over)	0 0 1
Manual operating mode possible	true
Switching time at rotation change	600 ms
	Supply voltage (external adaptor)
Operating voltage (DC)	24 V (21.5 V ... 26.5 V)
Current consumption (AC)	max. 0.012 A
	Display direction of travel
Number	2
Type	LED (red) control input
rated voltage (DC)	24 V
Tolerance of rated voltage	-10 % ... 10 %
Rated current	1 mA
Bounce time of push buttons	10 ms
Load factor	1 ELF
max. Maximum number of push buttons	20
	load circuit

Subject to technical changes

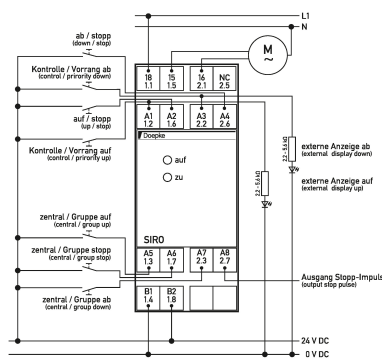
Technical Data	SIRO
Specification	relays
Rated voltage (AC)	230 V
Load factor	20 ALF
max. Switchung capacity cos j = 0,5	250 VA
max. Switchung capacity cos j = 1,0	500 VA
	screw-type terminal top and bottom
max. Connection C1 cable length	100 m
Clamping area	0.4 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section solid	1-wire: max. 2.5 mm <sup>2</sup>
Cross section stranded	1-wire: max. 1.5 mm <sup>2</sup>
Tightening torque	max. 0.64 Nm
Tightening torque	max. 0.64 Nm
	General data
Operating noise	little switching noise
Operating position	optional
Electrical endurance	min. 100000 switching cycles
Ambient temperature	-10 °C ... 45 °C
Housing type	distribution board housing
Installation type	Mounting rail (35 mm)
Housing material	polycarbonate (PC)
Protection class	IP20
Width	36 mm
Height	85 mm
Depth	65 mm
Installation depth	58 mm
Module widths	2
Design requirements/Standards	EN 60669-1

**Dimensions**



Dimensional drawing Group view

**Wiring example**



Wiring diagram

Subject to technical changes