DATA SHEET

SIRO-SD

Drive controls for on-wall/in-wall installation (24 V DC)

Article number 09500198

Internetlink

Function

Relay and blind control devices facilitate the switching of electrical consumers separately from the system potential. Use is very flexible as a result and involves awnings and gate actuators in addition to luminaires and other single-phase consumers. To switch multiphase consumers or consumers with high loads, downstream contactors, for example, are recommended. The SIRO-SD 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. Thanks to its design (in-wall socket installation) it is excellent for retro-fitting but can also be used as a secondary relay in master-slave operation with the SIRO. The relays for up and down movement have a 2 A load capacity and are interlocked both mechanically and electrically. In addition to the control inputs for up and down movement, the device also has priority commands for wind sensors or rain sensors, for example.

Features

roller shutter control module for a 230 V/2 A motor, inputs for individual and priority commands, can be used as a slave module for the SIRO, very compact design

Mounting

using side lugs on planar surfaces, without lugs in recessed sockets/boxes (deep design preferably)

Applications

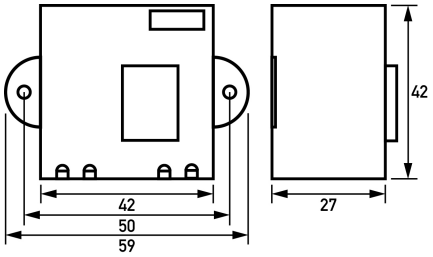
The SIRO-SD is suitable for controlling a motor, e.g. for roller shutters, skylights or an awning in private or commercially used buildings. Thanks to its design, it is retro-fittable directly on the motor.

Technical Data

Technical Data	SIRO-SD
Series	SIRO-SD
Number of (n.o, n.c.,change-over)	o|o|1
Manual operating mode possible	true
Switching time at rotation change	600 ms
Switch-off, auto after	90 s
Operating voltage source	external power supply
Operating voltage (DC)	24 V (21.5 V ... 26.5 V)
Current consumption (AC)	max. 0.012 A
	Control input
Rated voltage (DC)	24 V
Tolerance of rated voltage	max. 10 %
Rated current	1 mA
Bounce time of push buttons	10 ms
Load factor	1 ELF
	Load circuit
Specification	Relay
Rated voltage (AC)	230 V
Load factor	20 ALF

Technical Data	SIRO-SD
max. Output O1 Switchung capacity cos j = 0,5	350 VA
max. Output O1 Switchung capacity cos j = 1,0	500 VA
	Cable LiYv with ferrules (Load circuit)
	Spring-loaded clamp (Control input, Voltage supply)
max. Connector C2 Length connection cable	100 m
Cross section solid	1-wire: 0.4 mm² ... 0.8 mm²
General data description	General data
Operating position	any
Electrical endurance	min. 100000 cycles
Ambient temperature	-10 °C ... 45 °C
Housing type	wall-mounted housing, in-wall housing
Mounting type	Mounting rail
Housing material	ABS resin
Protection class	IP20
Width	42 mm
Height	42 mm
Depth	37 mm
Width with lugs	59 mm
Design requirements/Standards	EN 60669-1

Dimensions



Dimensional drawing Group view