Doepke

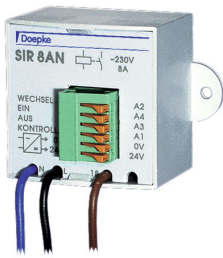## *DATA SHEET*
SIR 8 AN
for socket/box installation
Article number 09500051


Function

Impulse relays, also known as remote switches, are switching relays that switch on due to an electrical impulse at the control inputs and switch off due to another impulse. They are also known as "electrical non-holding contacts". The devices in series SIR were originally developed for use in the SI system. However, they can be used universally thanks to their 24 V impulse technology. This design of impulse relays is suitable for mounting in in-wall sockets/boxes but also in cable ducts or recessed spaces. The SIR 8 AN features flexible inputs for operation as a mono- or bi-stable relay, and for central commands.

Technical Data

Technical Data	SIR 8 AN
Series	SIR 8 AN
Number of (n.o, n.c.,change-over)	1|0|0
Manual operating mode possible	true
Operating voltage (AC)	230 V (207 V … 243.8 V)
Operating frequency	50 Hz
Internal consumption	max. 0.4 W
	Control input
Rated voltage (DC)	24 V
Tolerance of rated voltage	-10 % … 10 %
Rated current	max. 4 mA
Bounce time of push buttons	10 ms
Load factor	1 ELF
	Load circuit
Specification	Relay
Rated voltage (AC)	230 V
Rated current (AC)	8 A
Load factor	4 ALF
max. Output O1 Switchung capacity cos j = 0,5	1350 VA
max. Output O1 Switchung capacity cos j = 1,0	1800 VA
	Spring-loaded clamp front (Coil input)
Clamping area	0.4 mm² … 0.8 mm²
	Cable LiYv with ferrules bottom (Load circuit)
Clamping area	max. 0.75 mm²
General data description	General data
Duty cycle	continuous operation
Operating position	any
Electrical endurance	min. 100000 cycles
Ambient temperature	-10 °C … 45 °C

Technical Data	SIR 8 AN
Housing type	wall-mounted housing, in-wall housing
Mounting type	Socket/box installation
Housing material	ABS resin
Protection class	IP40
Width	42 mm
Height	42 mm
Depth	37 mm
Width with lugs	59 mm
Height with lugs	42 mm
Depth with lugs	37 mm
Installation depth	58 mm

Dimensions
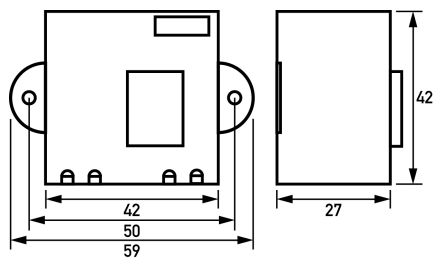
Dimensional drawing Group view