



DATA SHEET

SIZ 30 H

electronic time relay with semiconductor output (24 V DC)

Article number 09500255



[Internetlink](#)

Function

Time relays are a special design of relay for the delayed switch-on or switch-off of electrical consumers. They are therefore suitable for many tasks in automation systems such as automatic start-up control of motors or fan controls. The time relays in series SIZ are components of the SI system and facilitate the implementation of fixed or variable delay and run times.

Features

supply voltage 24 V DC, semiconductor output (max. 200 mA, short-circuit-proof), LED switch position indicator, control input for max. cable length of 1000 m for up to 20 parallel inputs and a cross-section of 0.6 mm²

Mounting

quick fastening to mounting rail, any installation position

Applications

Stairwell light control, roller blind control

Notes

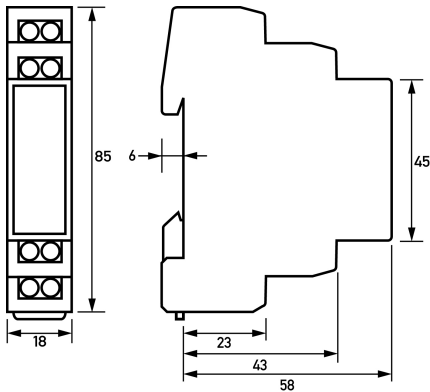
The timers can be subsequently reset, i. e. a control pulse which arises within a started time interval will result in a new start. The timer resets if the operating voltage fails or impermissible voltage interruptions occur.

Technical Data

Technical Data	SIZ 30 H
Series	SIZ
Manual operating mode possible	false
Operating voltage source	external power supply
Operating voltage (DC)	24 V (21.6 V ... 26.4 V)
Internal consumption	0.9 W ... 2.2 W
Type	Display Switching position LED
Galvanically separated	Control input true
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
Specification	Semiconductor output Semiconductor
Number	1
Rated voltage (DC)	24 V
Tolerance of rated voltage	-10 % ... 10 %
Rated current (DC)	0.2 A
Load factor	20 ALF
	Screw-type terminal

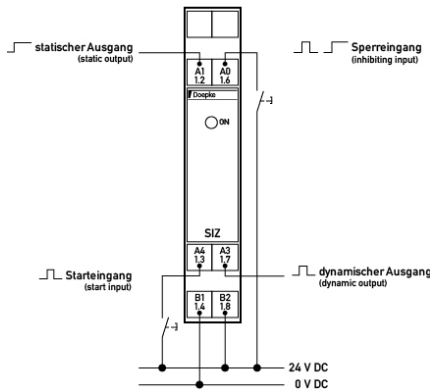
Technical Data		SIZ 30 H							
Clamping area		0.4 mm ² ... 2.5 mm ²							
Tightening torque		max. 0.6 Nm							
		Screw-type terminal							
Clamping area		0.4 mm ² ... 2.5 mm ²							
Tightening torque		max. 0.6 Nm							
General data description		General data							
Ambient temperature		-10 °C ... 45 °C							
Permissible humidity		max. 85 %							
Housing type		Distributor housing							
Mounting type		Mounting rail							
Housing material		Polycarbonate (PC)							
Protection class		IP20							
sealable		false							
Width		17.5 mm							
Height		85 mm							
Depth		64 mm							
Installation depth		58 mm							
Width (modules)		1							
Design requirements/Standards		EN 60669-2-1							
Time range text		Zeitbereich 1	Zeitbereich 2	Zeitbereich 3	Zeitbereich 4	Zeitbereich 5	Zeitbereich 6	Zeitbereich 7	Zeitbereich 8
min. Time range		15 s	45 s	2.5 min	7.5 min	15 min	45 min	2.5 h	7.5 h
max. Time range		1 min	3 min	10 min	30 min	1 h	3 h	10 h	30 h

Dimensions



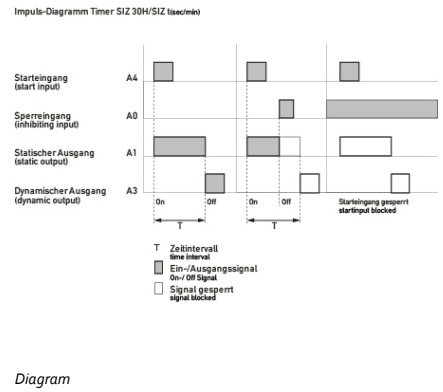
Dimensional drawing Group view

Wiring example



Wiring diagram

Diagrams



Diagram