



## DATA SHEET

### timers

#### Data Micro 2+

#### electronic clock with digital display

Article number 09800032



[Internetlink](#)

### Function

Time switches are electronic or electromagnetic clocks that switch a contact on or off at set times. They are suitable as an aid for energy saving measures, such as switching off pumps or hot-water heaters. The compact digital time switches from the Data Micro series control up to two electrical load circuits via day and week programs. While the Micro+ has a potential-free changeover contact and a total of 32 memory slots (switch-on/switch-off times), the Micro 2+ allows the programming of up to 64 memory slots, distributed across two changeover contacts functioning independently from one another. Both devices support the control of the contacts by switch-on/switch-off and also the generation of impulses. Convenience is further increased by automatic daylight saving time adjustment, manual switching options and holiday programming. The 250-hour reserve power ensures time-exact switching of consumers even if the power temporarily fails.

### Features

easy, menu-guided operation, digital display, 32 memory slots in a circuit (Data Micro+) or 64 in two circuits (Data Micro 2+), shortest switching time: 1 minute, Switching impulses from 1 s to 59 s, Day, week and holiday program, manual switching option, Reserve power: 4 years without power supply, 1 changeover contact (Data Micro+) or 2 changeover contacts (Data Micro 2+) each with 16 (10) A / 250 V AC, Operating voltage: 230 V AC, Module width of just 2 units (35 mm), protection class IP20, sealable transparent cover

### Mounting

quick fastening to mounting rail, any installation position

### Applications

Time switches for time linking of any electrical consumers in private, commercial or industrial applications.

### Notes

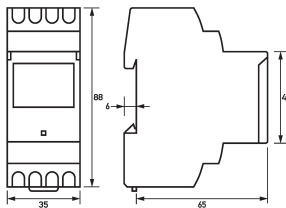
The devices should not be mounted near inductive loads (motors, transformers, contactors, etc.)

### Technical Data

Technical Data	Data Micro 2+
Series	Data Micro 2+
Time programmes	holiday program, daily program, weekly program, impulse program
Time switch, number of memory slots	64
Accuracy rate range	-1 s/Tag ... 1 s/Tag (at 22° C)
power reserve with battery	35000 h
Switching operation type	off, on, impulse
Switching interval	1 min ... 1 w
Pulse duration	1 s ... 59 s
Number of (n.o, n.c., change-over)	0 0 2
	Supply voltage (battery, mains voltage)
Operating voltage (AC)	230 V
Operating frequency	45 Hz ... 60 Hz
Internal consumption	max. 1 W
	Display menu, status output
Type	LCD display (alphanumeric)

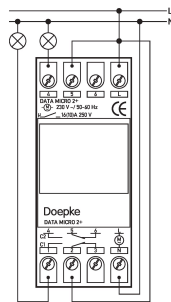
Technical Data	Data Micro 2+
	load circuit
Specification	relays
Rated voltage (AC)	250 V
Rated current (AC)	16 A
Rated frequency	45 Hz ... 60 Hz
max. Rated power energy saving lamp	200 VA
max. rated power glow lamps	3000 VA
max. rated power HV halogen lamps	2500 VA
max. Rated power low-voltage halogen lamp	1000 VA
max. Rated power fluorescent lamp compensated	1200 VA
max. Rated power fluorescent lamp not compensated	1200 VA
	General data
Operating noise	little switching noise
Operating position	optional
Ambient temperature	-10 °C ... 45 °C
Housing type	distribution board housing
Mounting type	Mounting rail (35 mm)
Housing material	polycarbonate (PC)
Protection class	IP20
sealable	true
Width	35 mm
Height	90 mm
Depth	66 mm
Installation depth	60 mm
Width (modules)	2
Design requirements/Standards	EN 60529, EN 60335-1
Protection class according to EN 60335	II

**Dimensions**



Dimensional drawing Group view

**Wiring example**



Wiring diagram