



UK Technical Data 02

Data Micro+ and Micro 2+ electronic timer with digital display

Function

The compact (2 module) Data Micro+ electronic time switches with digital programming can control one or two electrical loads via daily and weekly programs.

The Micro+ has a volt-free changeover contact and a total of 32 memory slots (switch-on/switch-off times).

The Micro 2+ has 64 memory slots, distributed across two changeover contacts functioning independently from one another.

Both devices include an over-ride facility and also the generation of impulse on-off signal. Convenience is further increased by automatic daylight saving time adjustment, holiday programming and a 250-hour reserve power backup, in the event of power failures.

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 backup, 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

Suitable for domestic, commercial and similar installations.

Notes

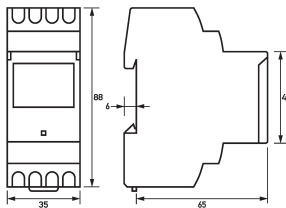
The devices should not be mounted next to inductive loads e.g. motors, transformers, contactors, solenoids. Refer to the installation instructions for mounting and transient suppression requirements when switching inductive loads on or off within the same electrical circuit.

Technical Data

Technical Data	Data Micro
Series	Micro+, Micro2+
Time programmes	Holiday operation, Daily repetition operation, Weekly repetition operation, Pulse programme
Time switch, number of memory slots	Micro+ = 32, Micro2+ = 64
Accuracy rate range	-1 s/Tag ... 1 s/Tag (at 22° C)
power reserve with battery	35000 h
Switching operation type	off, on, Pulse
Switching interval	1 min ... 1 w
Pulse duration	1 s ... 59 s
Contact configuration	Micro+ = 1 c/o, Micro2+ = 2 c/o
	Supply voltage (Battery, Mains voltage)
Operating voltage (AC)	230 V
Operating frequency	45 Hz ... 60 Hz
Internal consumption	max. 1 W
	Display Menu, Output state
Type	LC display (alphanumeric)

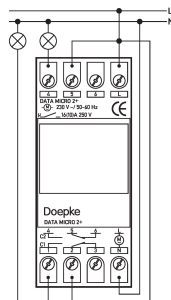
Technical Data	Data Micro
	Load circuit
Specification	Relay
Rated voltage (AC)	250 V
Rated current (AC)	16 A
Rated frequency	45 Hz ... 60 Hz
max. Rated power energy saving lamp	200 VA
max. rated power glow lamps	3000 VA
max. rated power HV halogen lamps	2500 VA
max. Rated power low-voltage halogen lamp	1000 VA
max. Rated power fluorescent lamp compensated	1200 VA
max. Rated power fluorescent lamp not compensated	1200 VA
	General data
Operating noise	Low switching noise
Operating position	any
Ambient temperature	-10 °C ... 45 °C
Housing type	Distributor 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