



BMC-I102/SK2

Microprocessor controlled bus master clock for outdoors

- + 110V to 230V (-10 to +10%) 50 Hz power supply
- + 24 V DC output voltage, line voltage potential separated for system supply
- + 0.4 A line current
- + One line output with polarised impulses for connection of up to 40 impulse controlled slave clocks or self correcting time coded slave clocks (analogue and digital ones)
- + Mixed operation of slave clocks and self correcting clocks possible
- + Impulse to break rate programmable
- + Line parameters adjustable:
 - + Line type: Minutes, ½ minutes, seconds line or time code line for operation of self correcting clocks
 - + Movements: 12 hours, 24 hours, digital week day- and date movements
- + Electronic short-circuit protection
- + Automatic adjustment of slave clocks after mains failure or short-circuit of the line via electronic impulse memory for min. 5 years
- + Pre-programmed or automatic summer-/winter daylight-saving time
- + Double-spaced digital LCD display for indication of master clock time, summer/winter time, date, day, holiday, DCF-reception line stop, short-circuit of line and status of relays
- + Menu guided programming
- + RS 485 bus for module extensions
- + Synchronisation through:
 - + DCF-77 (for time and summer-/winter daylight-saving time)
 - + GPS system (for time and summer-/winter daylight-saving time)
 - + Grid-bound DCF-77 signal
- + Accuracy +/- 0.1 s/day (without external synchronisation)
- + Ivory metallic keypad
- + Power consumption: <20 mA AC in non-operating state without load

Signal outputs

- + 2 independent potential free switching outputs, maximum load 1 A / 250 V AC (ohmic load)
- + Each output programmable as alarm contact
- + Free programmable day- and week programmes (programmable holiday calendar)
- + Switching commands ON/OFF and TIMER (1...99 s) at every second and manually

Mounting

IP65 plastic case, fibre-glass reinforced polycarbonate, housing protection class II

Dimensions W x H x D = 180 x 97 x 81 mm

Ambient temperature: -20 °C to +60 °C

Relative humidity: 85 % non-condensing

Colour: grey (RAL 7035)

Options:

DCF-ANT02: DCF-77 radio synchronisation antenna

GPS-ANT8: GPS reception antenna with DCF output



MATTIG



WENZEL



NEUMANN