



UZ-BMC-1104/19 19" Master Clock

- + 24 V DC supply voltage
- + 24 V DC output voltage
- + 0.4 A line current
- + Connection of up to 40 slave clocks or self-correcting time code slave clocks (analogue and digital ones)
- + Asynchronous balance mode of pulse driven clocks and time code driven ones on the same line possible
- + Impulse/Break rate programmable
- + Line parameter adjustable:
 - + Line type: minutes-, ½ minutes- and second impulse line or time code line for self-correcting slave clocks (analogue and digital ones)
 - + Movement: 12 hours, 24 hours, digital weekday- and date movements
- + Electronic short circuit protection
- + Automatic adjustment of slave clocks after mains failure or short circuit of the line through electronic impulse memory for min. 5 years
- + Pre-programmed or automatic change of daylight saving times
- + Two-lined digital crystal display (LCD) with digit height of 4.35 mm
- + Standard display shows master clock time in hours, minutes and seconds, daylight saving time, day, month, year, synchronisation reception, day of week, line stop, short circuit of the line output, status of relays
- + Menu guided programming
- + LED display for line signal, relay status and faults
- + RS 485 – bus for possible module amplification
- + Synchronisation possible through DCF-77 antenna or GPS receiving system
- + DCF quality indication in menu, for display of last synchronisation date
- + Accuracy +/- 0.1 seconds per day (without external synchronisation)
- + Power consumption: closed current <70 mA without relay and external load



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Signal outputs

- + Four independent potential free switching outputs
- + Contact rating max. 1 A, 250 V AC
- + Relays manual adjustable
- + Free programming day and week programs
- + Programmable holiday calendar
- + Switching commands ON/OFF and TIMER (1-99 sec. adjustable) for every second programmable and manually
- + Each output programmable as alarm contact
 - + Fault 1: DCF synchronisation defective (adjustable between 0...99 hours) or
 - + Fault 2: Line short-circuit
 - + Alarm message resettable automatically or manually

Mounting

19" case: 3 HE / 21 TE
Front cover: Aluminium nature anodised
Last: DIN 41612 type M (24+7)

Options:

UZ-BMC-LINIE2/19: 19" line module, 24 VDC supply voltage, two slave clock lines 1 A each, 21 TE

UZ-BMC-NGxx: 19" power supply unit 230 V / 24 V
(power and dimensions depend on system configuration)

UZ-BMC-NET: 19" BMC network module, 8TE, 24VDC, NTP Server- or NTP Client function, web server for remote control and configuration, alarm message per e-mail

UZ-ET: 19" rack

DCF-ANT02: DCF-77 radio synchronisation antenna

GPS-ANT8: GPS synchronisation antenna with DCF output



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