Analogue Clocks
Master Clocks
Clock Centrals
Digital Clocks
Wireless Master Clock System
Scoreboards

BMC-NET
BMC network module for top hat rail mounting

+ Master clock acts as NTP time server in TCP/IP network
  + NTP in Broadcast mode: Master clock sends time to all network clients, which supports Broadcast mode
  + NTP in Multicast mode: Master clock sends time to all Multicast group participants in network (lesser network load than at Broadcast)
  + NTP in Unicast mode: Network client receives time through request via adjusted IP address of server
+ Master clock is NTP client in TCP/IP network
+ automatic synchronisation of the 19" BMC master clock via bus at every second
+ Control of all bus modules (19" master clock and line modules)
+ Time interval of server request in synchronised (1 to 9999 h) and unsynchronised status (1 to 9999 s) adjustable

+ Integrated web server for remote control of BMC systems via internet browser (http)
+ Integrated web server for configuration of module parameters via internet browser (http)
+ Adjustment of all master clock parameters via PC, e.g. also programming of switching programs
+ Ethernet RJ45 connector for TCP/IP network (100baseT Ethernet)
+ Schauer RS485 bus for data communication to BMC systems
+ Alarm input with optocoupler
+ Bus supervision and alarm signalisation via e-mail (SMTP) at bus failure, synchronisation, short-circuit on BMC slave line and short-circuit on slave lines of external line module
+ Optional supervision of alarm input: Does not apply 24 V DC on input, an alarm message by e-mail will be sent
+ LED's on front cover (POWER, LAN-Activity, Time Code, DCF)

Technical data:

Power supply:	24 V DC
Power consumption:	1 Watt type
Ambient temperature:	-25 ℃ bis +60 ℃
Relative humidity:	max. 85% (non-condensing)

Mounting
DIN top hat rail, installation case 6 TE

MATTIG

WENZEL

NEUMANN