ENERMET

Local Controller MLC   Technical Data

Minimum PC Requirements

PC or notebook
Operating system Windows NT, 2000 or XP
at least 1 GByte free memory on HD
CD drive
Color monitor (1024 x 768 Pixel)
Keyboard and Mouse
1 serial interface RS 232
option: Printer: laser, dot matrix, etc.

Process Controller PS

VME bus system
Temperature: 0 ... 40 °C
Humidity DIN 40040 class F
EMC IEC 801 class 3
MTBF >10'000 h
Power supply: 230 VAC ± 15%, 50/60 Hz
Power consumption: < 180 W
Inputs: 24 VDC / 20 mA
Relay outputs: 48 VDC / 100 mA
Transistor outputs: 24 VDC / 100 mA

Interface PC ⇔ PS

RS 232, 9600 Baud, max. 15 meters
RS 422, 9600 Baud, max. 50 meters
longer distances with modem

Applications

up to 200 objects
up to 20 object groups
up to 10 time program steps per object or object group
up to 10 even program steps per object or object group
up to 50 signals (for event programming)

4 digital Outputs

Allocation:
A1	Alert to transmitter
A2	Keying to transmitter
A3	Check back to central controller
A4	Operating mode display (Local/Remote/Halt)
option	
A5...A7	Operating mode display Local, Remote and Halt

External Inputs

5, option 13
Allocation:
E1	Transmission Supervision
E2	Keying from central
E3	Alert from central

General Alarm

Relay output: < 50 V / 1 A

Tracks

DECABIT single and combination commands
DECABIT / K22 3 minutes mixed
DECABIT / LG 50-110 mixed
Impulse interval tracks without addressing
Impulse interval tracks with addressing

Real time clock

battery buffered for 3 month
Synchronisation: digital input or GPS / DCF77

Protocol storage

last 400 events in Process Controller PS
with PC/Notebook connected to PS:
- Show on display
- Print out
- Save to hard disk