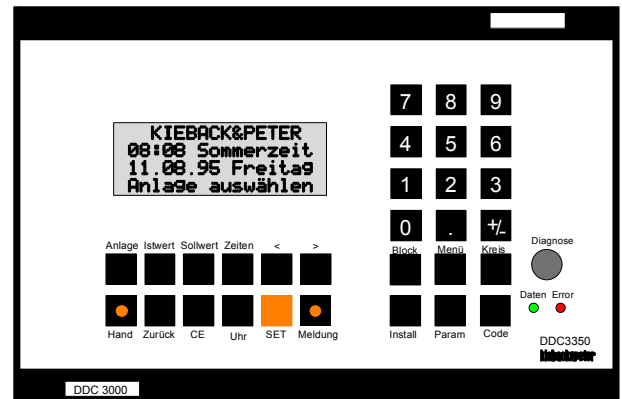


## DDC3350 DDC Central Control Unit LON

### Basic function

- DDC Central Control Unit for open and closed-loop control, optimization, and monitoring functions
- a LON interface (LON node with max. 1100 standard network Variablen types (SNVT) which can be received or sent from the LON)
- link between LONMARK and DDC data points
- manual operator control level with push-buttons and illuminated LCD display
- direct connection 2 binary inputs, 2 binary outputs
- direct connection to BMS Central Control Station or modem connection
- 4 DDC control-loops Heating / ventilation, expandable to 7 DDC control-loops via DDC software menu fixed-setpoint
- functional enhancement with DDC software menus
- comprehensive PLC functions with 150 flags, 99 timers and time programs.
- up to 99 DDC Central Control Units in the bidirectional data exchange (peer-to-peer)
- permanent system monitoring of the bus communication and all connected DDC components
- customized plaintexts possible for each parameter
- malfunction message memory, event log with date and time
- Automatic switching summer/winter time
- menu-driven dialog in plaintext for the query and entry of the DDC data, such as current values, setpoints and times
- complete operation of the entire DDC system from every connected DDC Central Control Unit (Remote Control) without additional equipment
- trend value memory readout via modem auslesbar
- DDC Central Control Unit optional with maximum load limit (E-Max function )



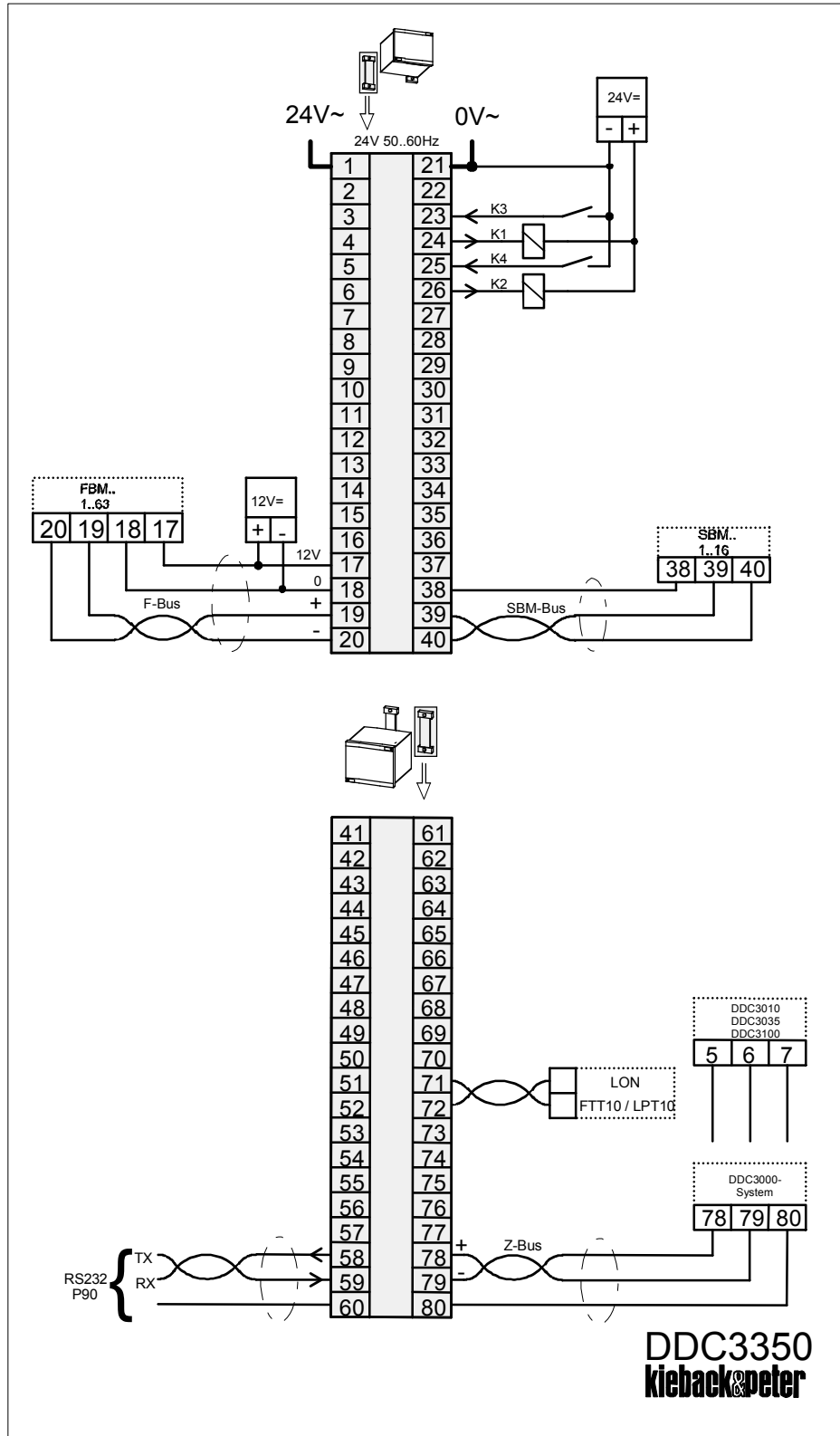
**DDC3350 DDC Central Control Unit LON****Device Description****Technical data**

Bus connection	cntral bus; Z bus	99 DDC3000 Central Control Units; 1000m, 3000m with drivers; 100kBaud
	Field bus ; F bus	63 Field bus modules FBM, Field Bus Regulator FBR; 2000m; 20kBaud, CAN
	Control Cabinet Bus; SBM bus	16 Control Cabinet Bus Modules SBM; 200m; 40kBaud, CAN
Interfaces	LON-interface	Transceiver FTT-10
	serial RS232	Building Management System BMS, modem, operating display, printer (optional connection to diagnostic jack)
	PCMCIA	for memory card; Update, data backup / restore key (behind the front panel)
Inputs and outputs	diagnostic jack	code key; device diagnosis
	2 binary inputs BE	zero-voltage contact 5mA against 24VDC (max. 250Ω), of these 2 DE for pulse count up to 80Hz
	2 binary outputs BA	Transistor output max. 80mA, 24V DC
Operating voltage	for DDC Central Control Unit	24V AC ±10%; 50..60Hz; 22,0VA; 0,92A
	for Inputs and outputs	24V DC +/-10%
	for Field Bus Modules FBM	12V DC +/-20%
Fuses	power fuse, M 1,0A	
Address switches	00 .. 99 with 2 rotary switches; central control address; (behind the front panel)	
Displays	4x 20-digit illuminated LCD, LED Bus, LED Error	
Switches / push-buttons	30 keys	
Processor	68302; 32 Bit; 16MHz	
Memory	1MByte RAM; 2MByte Flash-PROM	
Operating system	PSOS 1.20; program language C; real-time capable; multi-task capable:	
Power failure-data backup	10 years, clock components battery-buffered	
Degree of enclosure protection	IP40	
Ambient temperature	0..45°C	
Ambient humidity	in the operation: 20..80%rF, not condensing shut down: 5..90%rF, not condensing	
Housing	19"-short cassette of plastic, 4-fold cassette with 2 plug-in bases B x H x T ; 202mm x 132mm x 137mm	
Front panel cut-out	200,4mm x 112,0mm	
Weight	2,200 kg	
Identification	CE	

Device Description

DDC3350 DDC Central Control Unit LON

Wiring diagram



date 23.05.2001

Installation dimensions

