

IBS ISA FC/I-T



PC WORX

PC controller board

IBS **C A C**

Description	Type	Order No.	Pcs.	Pkt.
Field controller , with electrical isolation including operating system	IBS ISA FC/I-T	27 22 02 7		1
Accessories				
System manual , field controller	German	IBS ISA FC UM	27 24 17 7	1
	English	IBS ISA FC UM E	27 24 18 0	1
Automation software IBS PC WORX	IBS PC WORX .. see info			
Connection cable , for connecting the controller board to a PC (RS-232) for PC WORX, length 3 m		IBS PRG CAB	28 06 86 2	1
Additional documentation, Installation manual : Structure and Installation of the INTERBUS system	German	IBS SYS INST UM	27 54 28 6	1
	English	IBS SYS INST UM E	27 54 80 4	1
Project planning guide : Collection of data sheets relating to the INTERBUS components	German	IBS SYS PRO UM	27 53 82 1	1
	English	IBS SYS PRO UM E	27 51 00 1	1
Technical data				
Control system	IBM-compatible PC with ISA slot			
Mechanical design				
Format	1 short slot, (135 x 107) mm			
Weight	approx. 140 g			
Data interface				
System	ISA-BUS			
INTERBUS	2-wire remote bus, 9-pos. D-SUB female connector			
Parameterization/operation/diagnostics	RS-232-C, 9-pos. D-SUB male connector			
IEC- 1131 runtime system				

Processing speed	0.8 ms for 1 K word, 1.5 ms for 1 K bit statement
Program memory	384 Kbyte/ typ. 32 K instructions in IL
Number of flags, dependent on the program memory	32618 - 65236
Number of data blocks, dependent on the program memory	128 - 256
Number of timers, counters, dependent on the program memory	128 - 256
Number of control tasks	4
Residual data memory	8 KByte NVRAM
Address range	
Memory	4 Kbytes, select between 80000 and FF000 (hex)
I/O	8 bytes, select between 100 and 3F8 (hex)
Interrupts	select between IRQ 3,5,7,9 (2),10,11,12,15
INTERBUS data	INTERBUS master
Number of devices	512 (of which 256 remote bus devices/bus segment)
Number of process data	256 words (4096 binary inputs/outputs)
Number of PCP devices	62
Power supply	
Connection	via ISA-Bus
Voltage	5 V DC
Allowable range	5 % ripple included
Current consumption	typ. 0.5 A
Local diagnostics	
Operating status INTERBUS	LED (MREADY)