



A6

INTERFACE MODULES PIF1 - 1 SERIAL RS232/TTY OR 1 RS422

PLC SYSTEMS
MULTICONTROL COMPONENTS



PIF1

- 1 Serial User Interface
- RS232/TTY or RS422 (two module versions)
- Software Selectable Baudrate up to 19200 Baud

TECHNICAL DATA	PIF1-0 TTY	PIF1-0 RS232	PIF1-1 RS422
Electrical Isolation Transmitter Receiver	NO YES	NO NO	NO NO
Input Filter	NO	NO	YES
Protection Circuit	YES	NO	NO
Connector	25 pin D-type connector (F)	25 pin D-type connector (F)	9 pin D-type connector (M)
Max. Range	200 m	10 m	50 m
Handshake Lines	-	DTR, DSR, RTS, DCD	DTR, DSR
Baudrates	50 to 19200 Baud, software selectable		
Data Format	5 to 8 data bits, parity yes/no/even/odd, 1/1.5/2 stop bits, software selectable		
Power Consumption			
at +8 V	1.4 W	1.4 W	1.1 W
at +15 V	0.5 W	0.5 W	-
at -30 V	0.6 W	0.6 W	-
Documentation	MULTICONTROL Hardware Manual		
German	MAHWMULTI-0		
English	MAHWMULTI-E		
French	MAHWMULTI-F		
Italian	MAHWMULTI-I		
Spanish	MAHWMULTI-S		

SLOTS

The PIF1 interface module can be operated in the following slots in MULTI, MIDI and M264 racks.

Module Rack	Slot	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
MULTI Main Rack		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MULTI Expansion Rack		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MIDI		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
M264		●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○

● the module can be operated in this slot
○ the module **cannot** be operated in this slot

ORDER DATA

MDPIF1-0	Interface module, 1 Serial RS232/TTY Interface, 25 Pin D-Type Connector (F)
MDPIF1-1	Interface module, 1 Serial RS422 Interface, 9 Pin D-Type Connector (M)

PIN ASSIGNMENTS	Pin	MDPIF1-0		MDPIF1-1	
		INTERFACE	Function	Pin	Function
25 pin D-type (F)	2	RS232	RXD	1	GND
	3	RS232	TXD	2	RXD
	5	RS232	RTS	3	RXD
	6	RS232	DTR	4	DSR
	7		GND	5	DSR
	8	RS232	DCD	6	TXD
	9	TTY	RXD	7	TXD
	10	TTY	TXD Ret	8	DTR
	11		+8 V	9	DTR
	12	TTY	RXD Ret		
	13	TTY	TXD		
	20	RS232	DSR		
	23		-30 V		
24		+12 V			
25		+15 V			

STANDARD SOFTWARE

Many standard function blocks are available for interface modules. See Section A7 "PLC Programming".

CONNECTION

