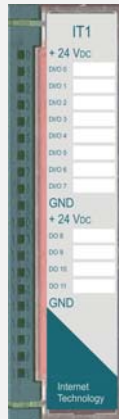


**fred modulo IT1.1**



- **10 MBaud Ethernet 10BaseT as a program / diagnostic / data exchange or remote interface onboard**
- **file system on flash EPROM for HTML pages**

**Technical data**

memory		1 MB RAM, 2 MB flash
processor		16 Bit Infineon C16X
data buffering	without battery with battery in the PS	persistent data in flash EPROM real-time clock and retain data in the battery-buffered RAM
PLC programming	optional	IEC61131-3 / CoDeSys
C-/C++-programming		Keil-Compiler
interface	onboard	1 x Ethernet 10BaseT, 1 x RS232, 1 x CAN according to ISO11898 with galvanic isolation
I/O interface		8 DI/O 24 V <sub>DC</sub> (combined) and 4 DO
I/O interface	external	max. 64 modules or 1024 I/O
Ethernet TCP/IP-stack		HTTP Web Server, SMTP email, FTP filetransfer, TCP-Modbus
mode switch		run / stop / reset
supply voltage		24 V <sub>DC</sub> (18...30 V <sub>DC</sub> , 2 W)
front panel		IP20
EMI-tests		EN61000-6-2, EN61000-6-4
protection rating		II according to VDE 0411
safety class		IP20 according to DIN40050
mounting		fixing on top hat rail with DIN50022
dimension in mm (W x H x D)		35 x 127 x 142,7
weight		250 g
operating temperature		0° to 50°C
order no.		
<b>fred-IT1.1/CS/ESB</b>		<b>20.20.100.00</b>

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