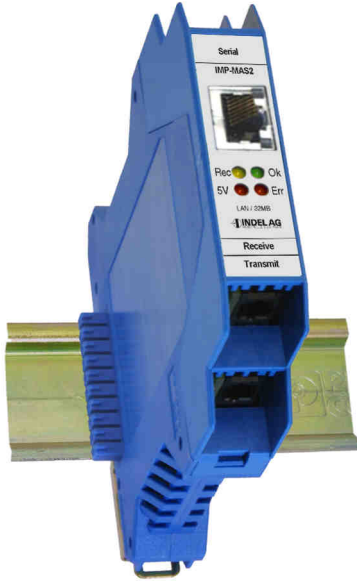


# IMP RISC Master



IMP Indel Modular Periphery, the multifunctional high-speed small controller for universal applications: Special machines, heating/ventilation/air-conditioning controllers, building automation, test and measurement engineering, stepper motor controller, axis controller, process engineering, etc. Can be networked with PC, remote maintenance via modem or Internet, operation with LCD or touch-screen, axis handling, redundant and decentralized intelligence in the INFO-Link, CE-conform.

Technische Daten	IMP-MAS 610334400
Interfaces	INFO-Link 11MBit Ethernet 10MBit RS232; max. 115.2kBaud
Real-time Clock	Ja
CPU	RISC-CPU PowerPC 405 GPR 300MHz Clock Rate
Cache	32 k (Level 1)
Bus	88MHz, 32 Bit
Memory	32 ... 128 MByte SDRAM 0.5 MByte C-RAM 4 MByte Flash-PROM
Periphery	32 users, 4µs accesstime / user
Current input	250mA @24V board supply
Service temperature	0 ... +45 °C
Storage temperature	-20 ... 70 °C
Relative humidity	95%, no condensation
EMC	EN 50081-2 / EN 50082-2
Enclosure	IP 20
Dimensions	HxDxW = 114.5 x 99 x 22.5

To start the IMP Master in the emergency system, you must plug a short-circuit connector onto the serial interface.

Connections:	Signals	Pin
	RxD, TxD	2, 3
	DSR, DTR	6, 4

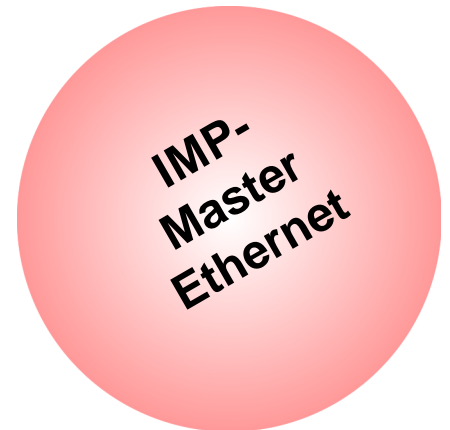
After the Master has been started, you can remove the short-circuit connector and replug the serial cable of the PC.

### Options:

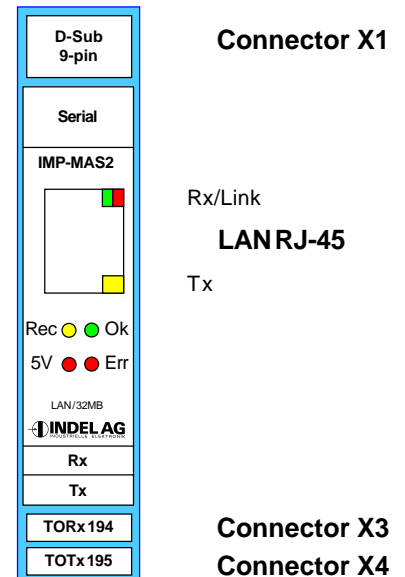
103344-LAN:	32MB SD-RAM, 0.5MB C-RAM, 4MB Flash-Prom, Ethernet
103344-CRAM:	16MB SD-RAM, 0.5MB C-RAM, 4MB Flash-Prom
103344:	16MB SD-RAM, 4MB Flash-Prom

Rev. 0410

# IMP-MAS2



## Connection example



Pinout X1	I/O
Pin 1	NC
Pin 2	RxD In
Pin 3	TxD Out
Pin 4	DTR Out
Pin 5	Gnd Out
Pin 6	DSR In
Pin 7	V+ Out
Pin 8	NC
Pin 9	NC

Shielding is done via the housing

IMP-MAS2	610334402-LAN
IMP-MAS2	610334401-CRAM
IMP-MAS2	610334400