

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, stepper motor controller, axis controller, etc.

The IMP-Gin Master can be operated as a stand alone master or as a Slave in a GinLink.

The power supply for all IMP-Peripherie is included.

IMP-GIN-MAS



Technical data	IMP-GIN-MAS 610940600
Interfaces	2 x GinLink 1GBit Ethernet or 1 x GinLink and 1 x Ethernet RS232; max. 115.2kBaud
Real-time Clock	Yes
CPU	RISC-CPU PowerPC 405 GPR 330MHz Clock Rate
Bus	110MHz, 32 Bit
Memory	16 MByte SDRAM 0.5 MByte MRAM 4 MByte Flash-PROM
Number of periphery	32, 4µs accesstime / user
Power supply	
Rated voltage	24V DC (18 ... 32V)
$I_{MAX K24}$ board supply	1.0A @ 24V
$I_{MAX P24}$ I/O-supply	10A P24V (Sicherung on board)
power consumption I/O supply	5mA@24V an P24V
power consumption board supply	300mA@24V an K24
Operating temperature	0 ... +45 °C
Storage temperature	-20 ... 70 °C
Relative humidity	95%, no condensation
EMC	EN 61000-6-2/EN 61000-6-4
Protection class	IP 20
Dimensions	HxTxB = 114.5x99x45

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

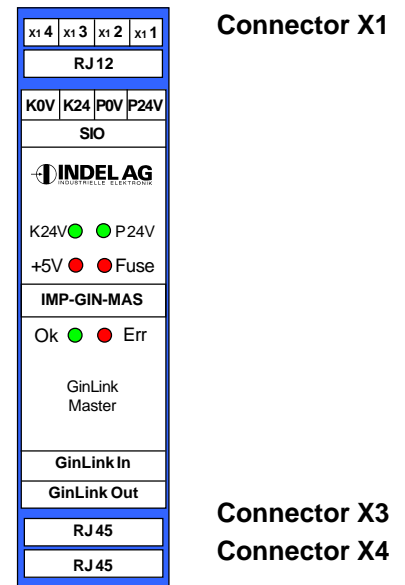
After the Master has been started, you can remove the short-circuit connector and replug the serial cable of the PC.

Power Supply

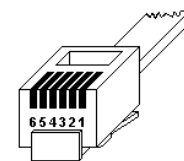
K24V/K0V	Board power supply for for master and peripherie
P24V/P0V	I/O power supply for Pheripherie-Module

Rev. 1108

Connection example



Pinout X2		I/O
Pin 1	Tx	Out
Pin 2	Rx	In
Pin 3	DTR	Out
Pin 4	DSR	In
Pin 5	Gnd	
Pin 6	NC	



IMP-GIN-MAS 610940600-Master
IMP-GIN-MAS 610940610-Slave