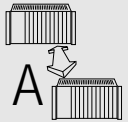


MARC - ARCNET-NETWORK CONTROLLER, ARCNET INTERFACE MODULE

INDUSTRIAL NETWORKS AND COMMUNICATION
ARCNET

C3



MARC - NETWORK CONTROLLER

The MARC network controller is used for connecting a B&R PLC (System MULTICONTROL; MULTI or MIDI racks) to an ARCNET network.

Even though the MARC network controller has the design of the B&R MAESTRO system (grey front with blue stripes), it can also be used in systems without the B&R MAESTRO. In this case, the management is completely taken over by the PLC CPU.

Another way of connecting to ARCNET is through the MCIF2 PLC bus interface module.



ORDER DATA

The ARCNET network controller MARC is delivered in sets. These sets are divided into three categories:

- OEM System
- Development Kit (German)
- Development Kit (English)

Please include the model number (right-hand column) when placing your order.

Component	OEM System	Model Number
HCMARC-0CT SWMAN-0	ARCNET Controller, 2.5 MBaud, 93 Ω, Coax/Twisted Pair ARCNET Network Software, OS-9/NET	HCMARC:CA X
HCMARC-0CT SWMTN-0	ARCNET Controller, 2.5 MBaud, 93 Ω, Coax/Twisted Pair INTERNET TCP/IP Network Software	HCMARC:CI X

Components	Development Kit (German)	Model Number
HCMARC-0CT SWMAN-0 MAMNET-0	ARCNET Controller, 2.5 MBaud, 93 Ω, Coax/Twisted Pair ARCNET Network Software, OS-9/NET B&R MAESTRO Network Manual, German	HCMARC:CAD
HCMARC-0CT SWMTN-0 MAMNET-0	ARCNET Controller, 2.5 MBaud, 93 Ω, Coax/Twisted Pair INTERNET TCP/IP Network Software B&R MAESTRO Network Manual, German	HCMARC:CID

Components	Development Kit (English)	Model Number
HCMARC-0CT SWMAN-0 MAMNET-E	ARCNET Controller, 2.5 MBaud, 93 Ω, Coax/Twisted Pair ARCNET Network Software, OS-9/NET B&R MAESTRO Network Manual, English	HCMARC:CAE
HCMARC-0CT SWMTN-0 MAMNET-E	ARCNET Controller, 2.5 MBaud, 93 Ω, Coax/Twisted Pair INTERNET TCP/IP Network Software B&R MAESTRO Network Manual, English	HCMARC:CIE

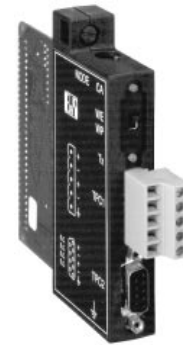
Components	Miscellaneous	Model Number
BRKAARC-0	ARCNET Bus Cable, 10 m, 93 Ω	BRKAARC-0
BRKAARW-0	ARCNET Bus Terminator, BNC, 93 Ω	BRKAARW-0
BRKAARH-0	ARCNET HUB, 8 Coax	BRKAARH-0

ARCNET INTERFACE MODULE

The ARCNET interface module is a combination of application memory module and ARCNET interface. It fits in MINICONTROL CPUs CP30 and CP32 as well as in MULTICONTROL CPU CPU40.

The connection to an ARCNET twisted pair network is either made through a 5 pin terminal block or a 9 pin D-type (F) connection.

The application memory can be write protected with a switch.



ORDER DATA

ARCNET Interface Module; combination of application memory module and ARCNET interface, to be used in CP30, CP32 and CP40,

Application Program Memory: 16 KByte EEPROM, 16 KByte RAM for 4.7 K instructions
ARCNET Interface: Linking to a twisted pair network with a 5 pin terminal block or a 9 pin D-type (F)

BRARCIF-0T

ARCNET SOFTWARE

The software for using the MARC network controller and the ARCNET interface module can be ordered as standard software.

The software package contains the PLC to PLC communication, OS-9 Net Server, SPIO Server (SPECTO_S) and PC ARCNET driver (TSR Program for DOS).

3.5 " Diskette(s)

German	SWSPSARC01-0
English	SWPLCARC01-0