



Protocol converter / link between Metra NET Network (CAN) and a computer LAN network.

Enables communication between Metra NET devices and Metra NET software.

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Network Controller TCP/IP

DESCRIPTION

Network Controller TCP/IP is a protocol converter/link between a Metra NET Network (CAN) and a computer LAN network (TCP/IP). It enables communication between Metra NET



devices and Metra NET software installed on the personal computer in the same LAN network.

Network Controller TCP/IP controls up to 100 devices connected to Metra NET Network. If more than 100 devices are used in a system several separate Metra NET networks are controlled by Network Controllers NET which are mutually connected over LAN network. There are two available operating modes: single (master) and dual (master/slave). In single mode only one Metra Network Controller TCP/IP is used for each Metra NET network. The other possibility is to use the dual mode, where two Network Controllers TCP/IP control one Metra NET network. One Network Controller TCP/IP acts as master and the other is redundant slave that takes over the control of Metra NET network in case of master malfunction, etc. Master device is connected to one end of Metra Net Network and slave device to the other. In normal operation only master device controls all devices on the Metra NET Network and slave serves as hot spare and is activated in case of LAN, Metra NET or master device failure and upon failure activation alarm notification is send by Metra PC SW over LAN/WAN network. If Metra NET Network gets interrupted both devices become master and take control of devices connected to their segment of Metra NET Network.

A pushbutton which enables emergency opening of Metra ELS, ELS NET and LCC NET lockers connected to same Metra NET Network can be connected to the Network Controller TCP/IP.

- **Bridge between Metra NET Network and LAN**
- **Pushbutton input for emergency opening of lockers**
- **Up to 100 ELS, ELS NET or LCC devices can be connected to the LAN via Network Controller**
- **Collects data from Metra devices for further analyses**
- **Downloads operational parameters to devices**
- **Monitors Metra devices operation**
- **Internal setting to open all Lockers at predefined time each day**
- **Integrated Real Time Clock**
- **Several Network Controllers are supported in Metra system for installations with dislocated devices or more than 100 devices**

TECHNICAL DATA:

- Power supply 12 V DC
- Power supply adapter is included in package:
 - Input: 110 - 230 V AC / 30 W
 - Output: 12 V DC / 0.8 A
- Optically Isolated CAN controller. 1000 V isolation voltage
- LAN connection (RJ -45)
- RS-232 serial channel
- USB connection
- Metra NET Network connection (2 x)
- Pushbutton input (Emergency opening of Lockers)
- Real Time Clock
- Automatic Daylight Saving Algorithm
- Non volatile memory buffer to store
- Temperature working range: 0°C up to +50°C
- Dimensions in mm (w/h/d): 218 / 34 / 66.5

