

Network Controller and Remote Network Controller

Model: NC5/NR5-10

Revised: April 2002

Product Description

The Model NC5/NR5-10 (Network Controller and Remote Network Controller) module allows an MP5-1, MP5-3 or MP5-10 (*Receiver Modules*) to interface to Model SCT I (*Event Logging System*) or SCT II (*Security Control Terminal with Graphics PC AT Compatible*). The NC5/NR5-10 is then installed in the Model IMR5-10 or IMC5-5's (*Receiver Racks*) first slot after the ICM5 (*Common Module*).

The Model NC5/NR5-10 provides communication between MP5's in the Model IMR5-10 or IMC5-5 and receiver rack to receiver rack (*IMR5-10 to IMR5-10*) communication. Specifically, when any of the other MP5's in the receiver rack have messages to print, the message (*in the form of an MP5 to MP5 compatible transaction*) is sent to the NC5/NR5-10 and interfaced to the "outside world" (*i.e., terminal, printer, host PC*).

The Model NC5/NR5-10 also contains non-volatile memory used to store user defined messages that can be assigned to specific conditions/ alarm messages. The Model NC5/NR5 is capable of 255 user messages of 64 characters each.

The Model NC5/NR5-10 can be easily interfaced to an existing IMR5-10 with minimal effort.



NC5/NR5-10

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Product Features

The following summarizes many of the standard features of the NC5/NR5-10.

- ◆ Microprocessor controlled design provides for flexible functionality.
- ◆ No manual adjustments of any kind, either on-line (*operational*) or off-line (*diagnostic mode*).
- ◆ Easily enhanced/customized/updated via simple software change at the MP5.
- ◆ Allows for interfacing up to nine MP5's within a rack (*IMR5-10* or *IMC5-5*) for Security Control Terminal (*SCT*) functions.
- ◆ High speed (*BAUD rate selectable*) serial ports for rack to SCT interface.
- ◆ Buffers up to 4000 transactions from all MP5's in the accompanying rack.
- ◆ Allows programming of 255 user defined messages of 64 characters each for all MP5's in the accompanying rack.
- ◆ Easily interfaced to existing MP5-1, MP5-3 and MP5-10 Series Receiver Modules and accompanying racks.

Product Specifications

Height = 5.3 inches
Width = 1.6 inches
Depth = 7.3 inches
Weight = 12.0 ounces

Receiver Module Capacity = 5

Electrical = 6.75 VDC Input
(supplied via accompanying monitor rack)

Operational Environment = 0 - 50 Degrees Celsius
10 - 90% R.H. (*non-condensing*)