

This procedure sets up communication using Group Inputs through Digital Inputs. This is a simple way to receive numeric data from another device in the field. Group Input 2 will be set as a 16 bit word. DI[33] to DI[48] will be used to receive the data. Digital Inputs must be configured as usual. This procedure is typical for Omron NX I/O block.

- 1** PRESS --> **[I/O]**
- 2** PRESS --> **[F1]** [TYPE]
- 3** SELECT --> **[5]** 5 GROUP
- 4** PRESS --> **[IN/OUT]** (If you don't have the screen of "I/O Group In")
- 5** PRESS --> **[F2]** [CONFIG]
- 6** Using arrow on line GI #2, ENTER --> **89** in "**RACK**" column. (*corresponding to Ethernet I/P rack number*).
- 7** PRESS --> **[ENTER]**
- 8** Using arrow on line GI #2, ENTER --> **1** in "**SLOT**" column. (Corresponding Slot of Ethernet I/P set up for this particular device).
- 9** PRESS --> **[ENTER]**
- 10** Using arrow on line GI #2, ENTER --> **49** in "**START PT**" column. (*Corresponding Start bit of Ethernet I/P set up for Digital outputs*) Remember, the first 16 bits are taken for Omron NX I/O block status.
- 11** PRESS --> **[ENTER]**

- 12** Using arrow on line GI #2, ENTER --> **16** in “**NUM PTS**” column. *(Corresponding to the number of bits composing the numeric data. In this case, it is a 16 bits word)*
- 13** PRESS --> **[ENTER]**
- 14** PRESS --> **[FCTN]**
- 15** SELECT --> **[0]** 0 NEXT
- 16** SELECT --> **[8]** 8 CYCLE POWER
- 17** PRESS --> **[YES]**