Omron CJ/NJ Series FINS TCP

HMI Factory Setting:

Controller IP Address: 192.168.0.1

Controller Ethernet Port: 9600

Controller Station Number: 0

Control Area / Status Area: D0/D10

Applicable models: DOP-B / DOP-W / DOP-H / HMC series、DOP-100

Connection

Standard Jumper Cable / Network Cable without jumper (Auto-detected by HMI)

Definition of PLC Read/Write Address

a. Registers

Type	Format Bank No.(m) Word No.(n)	Read/Write Range	Data Length	Note
CIO area	**CIO**n	**CIO**0 – **CIO**6143	Word	
Hold area	**H**n	**H**0 – **H**1535	Word	
Auxiliary area	**A**n	**A**0 – **A**447, **A**448 – **A**1474, **A**10000 – **A**11535	Word	[1]
DM area	**D**n	**D**0 – **D**32767	Word	
EM area	**E**m.n	**E**0.0 – **E**3.65535	Word	
Timer PVs	**T**n	**T**0 – **T**4095	Word	
Counter PVs	**C**n	**C**0 – **C**4095	Word	
Work area	**W**n	**W**0 – **W**511	Word	
EM Current Bank area	**EM**n	**EM**0 – **EM**32767	Word	
Index Register	**IR**n	**IR**0 – **IR**15	Double Word	
DR area	**DR**n	**DR**0 – **DR**15	Word	
TK area	**TK**n	**TK**0 – **TK**127	Byte	[2]

b. Contacts

Type	Format Bank No.(m) Word No.(n) Bit No.(b)	Read/Write Range	Note
CIO area	**CIOB**nbb	**CIOB**000 – **CIOB**614315	
Hold area	**HB**nbb	**HB**000 – **HB**153515	

Auxiliary area	**AB**nbb	**AB**000 – **AB**44715, **AB**44800 – **AB**147115, **AB**1000000 – **AB**1153515	1
DM area	**DB**nbb	**DB**000 – **DB**3276715	
EM area	**EB**m.nbb	**EB**0.000 – **EB**3.3276715	
Timer area	**TB**b	**TB**0 – **TB**4095	Read only
Counter area	**CB**b	**CB**0 – **CB**4095	Read only
Work area	**WB**nbb	**WB**000 – **WB**51115	
EM Current Bank area	**EMB**nbb	**EMB**000 – **EMB**3276715	Read only
Index Register	**IRB**nbb	**IRB**000 – **IRB**1531	
DR area	**DRB**nbb	**DRB**000 – **DRB**1515	Read only
TK area	**TKB**nbb	**TKB**000 – **TKB**12715	2 ,Read only

1)   **A**0 – **A**447, **A**10000 – **A**11535 are read only, **AB**000 – **AB**44715, **AB**1000000 – **AB**1153515 are read only.

2)   The address of register TK must be an even number.