**DUP** Series HMI Connection Manual

## **Cimon PLC**

(This PLC is applicable to BP, XP series of PLC)

### HMI Factory Setting:

Baud rate: 38400. 8. None. 1

Controller Station Number: 1

Control Area / Status Area: D00000/D00010

### Connection

## a. RS-232 (DOP-A/AE/AS, DOP-B Series)

DOP series		Controller		
9 pin D-sub male (R	(S-232)			
RXD (2)	PLO1.ir	PLC <sup>1.II</sup>	(7) TXD	
TXD (3)	PLC1.it	PLC <sup>1.ir</sup>	(4) RXD	
GND (5)	PLC1.ir	PLC1.IT	(2) GND	
			(3) RTS	

## Definition of PLC Read/Write Address

#### a. Registers

Туре	Format	Pood /W/rite Pongo	Data Longth	Noto
	Word No. (n)	Reau/ while Range	Data Length	Note
Input <b>X</b>	Xn	<b>X</b> 000 – <b>X</b> 511	Word	
Output Y	Yn	<b>Y</b> 000 – <b>Y</b> 511	Word	27.9
General Purpose Relay <b>M</b>	<b>M</b> n	M000 - M999	Word	
General Purpose Relay <b>L</b>	Ln e <sup>l Cha</sup>	L000 - L999	Word	DV .W
Latch Relay <b>K</b>	Kn	<b>K</b> 000 – <b>K</b> 999	Word	
Flags <b>F</b>	Fn	F000 - F127	Word	С <i>У</i> . »
Timer (Set) <b>TS</b>	<b>TS</b> n	<b>TS</b> 0000 – <b>TS</b> 4095	Word	
Timer (Current) <b>TC</b>	<b>TC</b> n	<b>TC</b> 0000 – <b>TC</b> 4095	Word	57.%

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Туре	Format Word No. (n)	Read/Write Range	Data Length	Note
Counter (Set) <b>CS</b>	<b>CS</b> n	<b>CS</b> 0000 – <b>CS</b> 4095	Word	11. 1.
Counter (Current) <b>CC</b>	<b>CC</b> n	<b>CC</b> 0000 - <b>CC</b> 4095	Word	
General Purpose Word Data D	Dn	<b>D</b> 00000 - <b>D</b> 31999	Word	N. N
Step Controller S	Sn	<b>S</b> 00 - <b>S</b> 99	Byte	1

### b. Contacts

PLC1.IT PLC1.IT PLC1	Format	PLOAN PLOAN PLOAN PL	
Туре	Word No. (n) Bit No. (b)	Read/Write Range	Note
Input <b>X</b>	<b>X</b> nb	<b>X</b> 0000 – <b>X</b> 511F	
Output Y	Ynb	Y0000 - Y511F	, / .//
General Purpose Relay <b>M</b>	<b>M</b> nb	M0000 – M999F	
General Purpose Relay L	Lnb	L0000 – L999F	51 .W
Latch Relay <b>K</b>	Knb	K0000 - K999F	
Flags <b>F</b>	Fnb	F0000 - F127F	<u>,                                    </u>
Timer Status <b>T</b>	Tb	T0000 - T4095	
Counter Status <b>C</b>	Cb	C0000 - C4095	57.27

# 

 The unit of PLC internal memory is byte and Device S is read in the unit of byte. It is recommended NOT TO USE two consecutive devices S as the read address to prevent occurrence of interference. For example, when choosing two numeric input device, please use S24 and S26, do not use S24 and S25.