Omron C Series PLC

(This driver can support OMRON C/CPM series PLC simultaneously)

HMI Factory Setting:

Baud rate: 9600, 7, Even, 2 Controller Station Number: 0

Control Area / Status Area: DW0/DW10

Connection

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

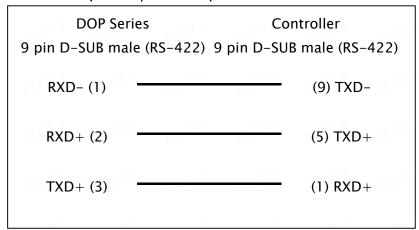
1:1 Host Link via RS-232C converter

DOP Series 9 pin D-sub (RS-232)	Controller 9 pin D-SUB male (RS-232)
RXD (2)	(2) TXD
TXD (3)	(3) RXD
GND (5)	(9) SG
brevii, brevii, brevi	(4) RS

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

PD PD. PD.	ntroller JB male(RS-232)
RXD (2)	(2) TXD
TXD (3)	(3) RXD
GND (5)	(7) SG
Provide the provid	(4) RS

c. RS-422 (DOP-A/AE Series)



d. RS-422 (DOP-AS35/AS38/AS57 Series)

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DOP Serie	s pu ^{GAM}	Со	ntroller	
9 pin D-SUB male (RS-422) 9 pin D-SUB male (RS-422)				
R	PLC1.ir	P/C1.11	(9) TXD-	
R+ -	PLC1.ir	PLC1.ir	(5) TXD+	
T+ -	PLC1.ii	PLC1.iii	(1) RXD+	

e. RS-422 (DOP-B Series)

DOP Series	Controller
9 pin D-SUB male (RS-422)	9 pin D-SUB male (RS-422)
RXD- (9)	(9) TXD-
RXD+ (4)	(5) TXD+
TXD+ (1)	(1) RXD+

Definition of PLC Read/Write Address

a. Registers

PLCAN PLCAN PLCA	Format	Read/Write Range	Data Length	Note	
Type					Word No. (n)
IR area	PLC1.11 PLC1	IR n	IR0 – IR6143	IR area	C4: _{//}
HR area		HR n	HR 0 – HR 511	HR area	
AR area	PLC1.11 PLC1	AR n	AR 0 – AR 959	AR area	C4: _{//}
LR area		LR n	LR 0 – LR 199	LR area	
Timer	PLC1.III PLC1	TC n	TC0 - TC2047	Timer	C1://
Counter		CN n	CN0 - CN2047	Counter	
DM area	P/C/ ;, P/C/	DM n	DM 0 – DM 9999	DM area	⁷ C.1: ₁₁

b. Contacts

PLO	PLO PLO	Format	Aca Aca Aca	
PLC1.if	Туре	Word No. (n) Bit No. (b)	Read/Write Range	Note
IR area	. C1 ^{.)(}	IR nbb	IR000 – IR614315	C4.W
HR area	The state of the s	HR nbb	HR 000 – HR 51115	
AR area	- CA W - CA	AR nbb	AR 000 – AR 95915	CV W
LR area	7 -	LR nbb	LR000 – LR19915	
Timer	- CA-W - CA	TC b	TC0 - TC2047	CV W
Counter	4-	CN b	CN0 - CN2047	
DM area	-v C(V.)V	DM nbb	DM 0 - DM 999915	CV ji