

Omron C Series PLC

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

HMI Factory Setting:

Baud rate: 9600, 7, Even, 2

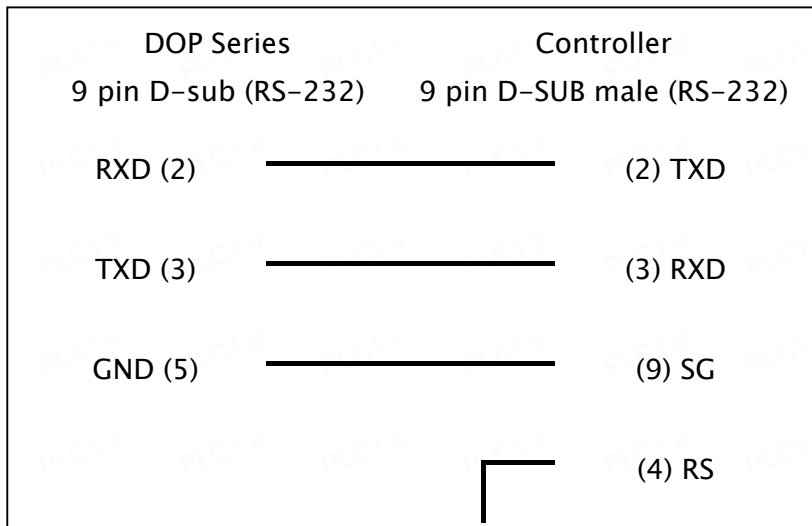
Controller Station Number: 0

Control Area / Status Area: DW0/DW10

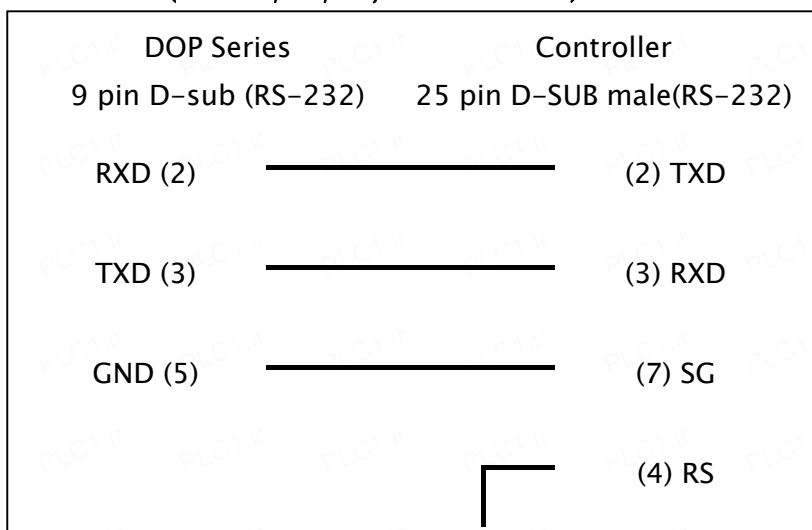
Connection

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

1:1 Host Link via RS-232C converter



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



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

DOP Series		Controller
9 pin D-SUB male (RS-422)		9 pin D-SUB male (RS-422)
RXD- (1)	—————	(9) TXD-
RXD+ (2)	—————	(5) TXD+
TXD+ (3)	—————	(1) RXD+

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

DOP Series		Controller
9 pin D-SUB male (RS-422)		9 pin D-SUB male (RS-422)
R-	—————	(9) TXD-
R+	—————	(5) TXD+
T+	—————	(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

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
IR area	IR _n	IR0 – IR6143	IR area	
HR area	HR _n	HR0 – HR511	HR area	
AR area	AR _n	AR0 – AR959	AR area	
LR area	LR _n	LR0 – LR199	LR area	
Timer	TC _n	TC0 – TC2047	Timer	
Counter	CN _n	CN0 – CN2047	Counter	
DM area	DM _n	DM0 – DM9999	DM area	

b. Contacts

Type	Format	Read/Write Range	Note
	Word No. (n)		
	Bit No. (b)		
IR area	IR _{nbb}	IR000 – IR614315	
HR area	HR _{nbb}	HR000 – HR51115	
AR area	AR _{nbb}	AR000 – AR95915	
LR area	LR _{nbb}	LR000 – LR19915	
Timer	TC _b	TC0 – TC2047	
Counter	CN _b	CN0 – CN2047	
DM area	DM _{nbb}	DM0 – DM999915	