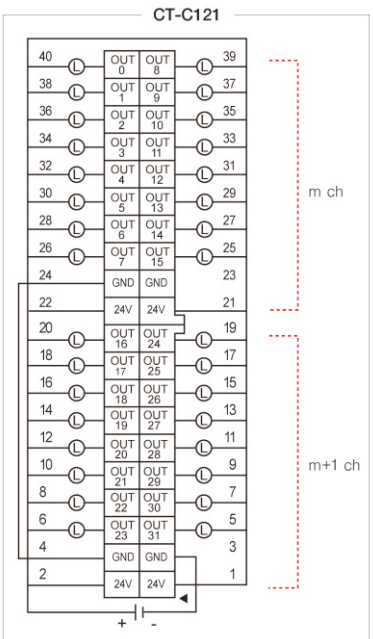
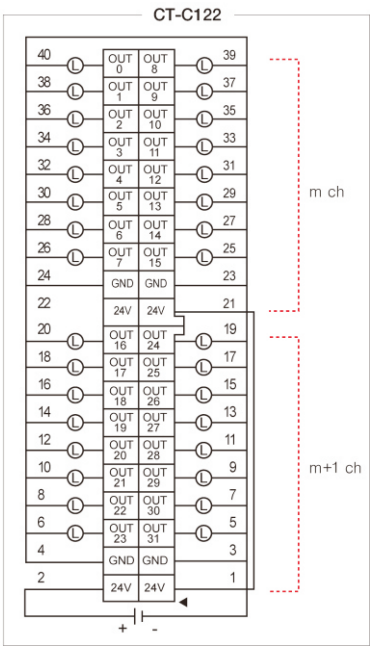
CT-C121, CT-C122

32 Points Sink/Source, Output 24Vdc, DeviceNet





Item	CT-C121	CT-C122
Input Specifications		
Number of Output	32 Points, Sink Type (GND Common internally shorted, like to TR's NPN)	32 Points, Source Type (24V Power internally shorted, like to TR's PNP)
Indicates	1 LED/1Point	
Output Current	Max. 0.5A / 1 Point, 8A / All	
Output Voltage	Nominal 24Vdc, 11~28.8Vdc	
Drop Voltage (ON-state)	Max. 0.3Vdc	
Leakage Current (OFF-state)	Max. 50uA	
Output Signal Delay	<0.3msec	
Protection	Short protection, Over Temperature protection, Over Current Limit	
General Specification		
Power Dissipation	Max. 110mA@5.0Vdc	
Isolation	DeviceNet to internal logic : Non-isolation Internal logic to I/O driver : Isolation	
System Power	Supply voltage : 24Vdc nominal Supply voltage range : 11 ~ 28.8Vdc Protection : Current Limit, Reverse polarity protection	
I/O Power	Supply Voltage : 24Vdc nominal Supply Voltage Range : 11~28.8Vdc	
Weight	Max. 200g	
Module Size	35mm x 80mm x 55mm	
Module Mount	DIN Rail or Bracket (CT-BRACKET, Optional), TBD	
Mates to I/O Connectors	Hirose, HIF3A-40D-2.54R(Ribbon Connector), 1A/pin Hirose, HIF3C-40D-2.54C(Crimp Connector), HIF3C-2226SCFA(Crimp Pin), 3A/pin Many vendors are available. TBD	
Environment Condition	Refer to " Environment Specification"(page :3-1)	

Pin No.	Description	Pin No.	Description	Pin No.	Description	Pin No.	Description
40	Output Channel 0	39	Output Channel 8	20	Output Channel 16	19	Output Channel 24
38	Output Channel 1	37	Output Channel 9	18	Output Channel 17	17	Output Channel 25
36	Output Channel 2	35	Output Channel 10	16	Output Channel 18	15	Output Channel 26
34	Output Channel 3	33	Output Channel 11	14	Output Channel 19	13	Output Channel 27
32	Output Channel 4	31	Output Channel 12	12	Output Channel 20	11	Output Channel 28
30	Output Channel 5	29	Output Channel 13	10	Output Channel 21	9	Output Channel 29
28	Output Channel 6	27	Output Channel 14	8	Output Channel 22	7	Output Channel 30
26	Output Channel 7	25	Output Channel 15	6	Output Channel 23	5	Output Channel 31
24	GND	23	GND	4	GND	3	GND
22	24Vdc	21	24Vdc	2	24Vdc	1	24Vdc