



Features

- Direct connection to common 32 point input I/O cards
- LED power indicator
- Rugged durable construction
- Provides prewired connectivity from field device to I/O

Specifications

Catalog Number	1667-32ID1001	1667-32ID1201
Field Connector: No. Pins Style	10-Pin Mini Plus (1 1/8in)	12-Pin Mini Plus (1 1/8in)
Module Type	32 Input	
Degree of Protection	IP65; NEMA 1, 4, 12	
Voltage Rating	10-30V DC	
Maximum Peak Voltage ❶	600V _p	
Maximum Current (per Circuit)	2A	
Maximum Current (per Module)	12A	
Indicator Circuit Current (Nominal)	2mA	
No. of Terminals per Device Common	2	
Operating Temperature Range	0°C to +60°C (32°F to +140°F); Noncondensing	
Certifications	<ul style="list-style-type: none"> • cULus Listed (File E113724 Guide NRAQ) • CE 	

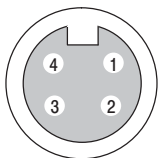
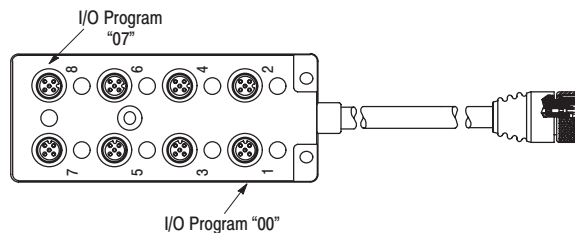
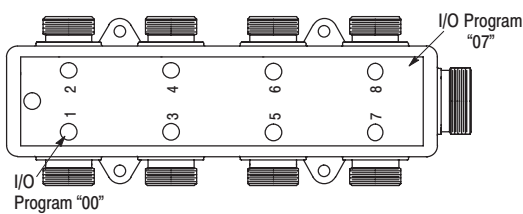
Power Supply Connector Specification

Wire Range (Rated Cross Section)	#22-#12 AWG (0.2-4mm ²)
Wire Strip Length	8mm (0.32in)
Recommended Tightening Torque	0.50-0.60Nm (4.5-5.5lb-in)

❶ Transient voltage greater than 600V_p use a UL Recognized suppression device rated at 2.5 kV withstand.

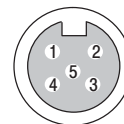
Distribution Block Connection

Match I/O Program to Distribution Block outputs in the sequence shown below:



**Face View Female
 Single Input DC**

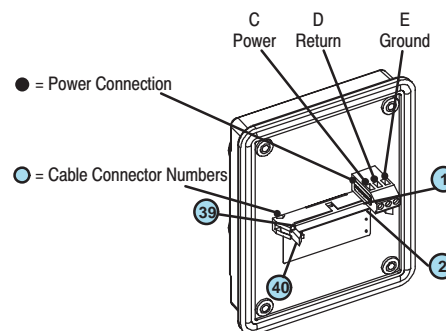
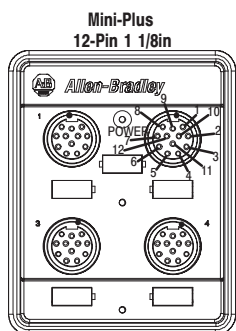
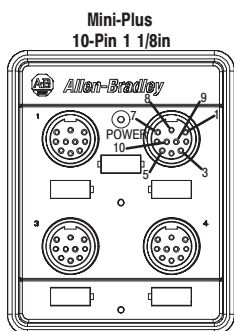
1. Load
2. Com
3. +V
4. N/C



**Face View Female
 Single Input DC**

1. +V
2. N/C
3. COM
4. LOAD
5. GND

Pinout



Panel Connections

Input Connector	Field Side Connector—10-Pin	Field Side Connector—12-Pin	Input Connector	Field Side Connector—10-Pin	Field Side Connector—12-Pin
	DC	DC		DC	DC
	1667-32ID1001	1667-32ID1201		1667-32ID1001	1667-32ID1201
1	A8, B8, C8, D8	A11, B11, C11, D11	23	B1	B2
2			24	D1	D2
3			25	B9	B3
4			26	D9	D3
5	A7	A1	27	B2	B4
6	C7	C1	28	D2	D4
7	A1	A2	29	B3	B5
8	C1	C2	30	D3	D5
9	A9	A3	31	B4	B6
10	C9	C3	32	D4	D6
11	A2	A4	33	B5	B7
12	C2	C4	34	D5	D7
13	A3	A5	35	B6	B8
14	C3	C5	36	D6	D8
15	A4	A6	37	A8, B8, C8, D8	A11, B11, C11, D11
16	C4	C6	38		
17	A5	A7	39		
18	C5	C7	40		
19	A6	A8	Power Pin Reference		
20	C6	C8	C	A10, B10, C10, D10	A12, B12, C12, D12
21	B7	B1	D	A8, B8, C8, D8	A11, B11, C11, D11
22	D7	D1	E	—	A9, B9, C9, D9

Application Notes

- Compatibility** — To ensure proper operation with the I/O module, do not exceed the voltage and current ratings of the PanelConnect Module.
- Dimensions** — Refer to page 4–31.