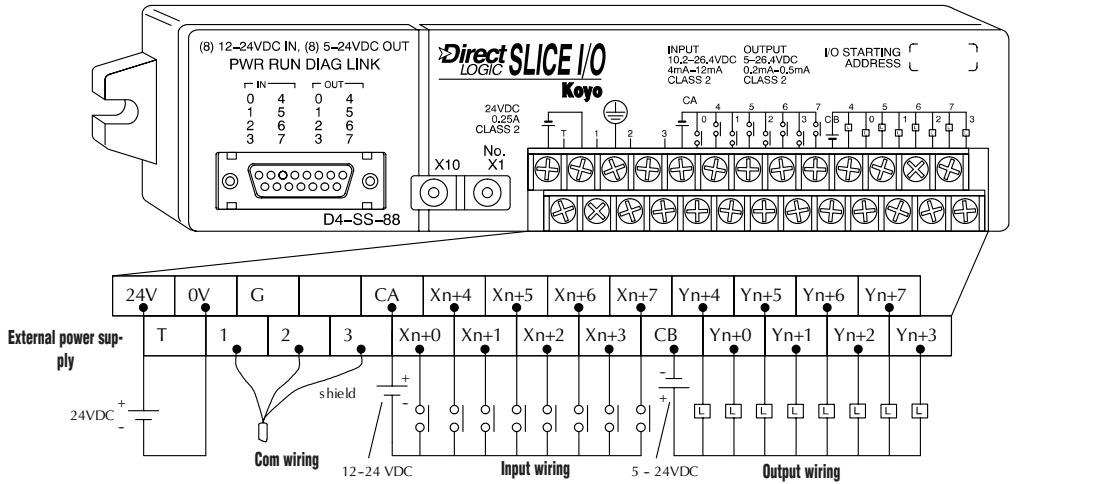




D4-SS-88

DC Input Specifications	
Number of Input Points	8, 1 common
Input Voltage Range	10.2 – 26.4VDC
ON Current/Voltage Level	>3.5mA/9.5VDC
OFF Current/Voltage Level	<1.5mA/4.0VDC
OFF to ON Response	1.0 – 7.0 ms
ON to OFF Response	2.0 – 12.0 ms

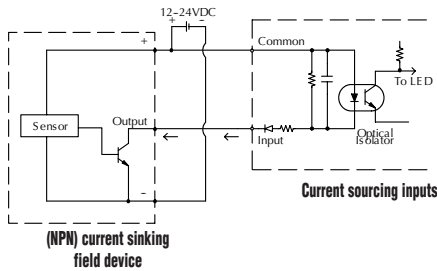
DC Output Specifications	
Number of Output Points	8, 1 common
Output Circuitry	NPN open collector
Input Voltage Range	5-26.4VDC
Peak Voltage	40VDC
ON Voltage	<1.0V at 0.5A
Maximum Current Out (Resistive)	0.5A/point 3A per common
Maximum Leakage Current	0.1mA at 40V
Maximum Inrush Current	2.0A for 10ms 1.0A for 100ms



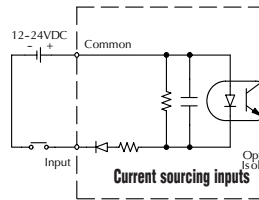
Solid state NPN field device wiring

Typical input circuit

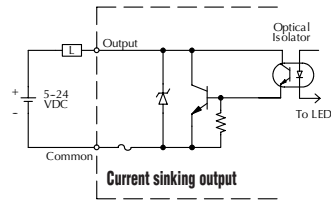
Typical output circuit



(NPN) current sinking field device

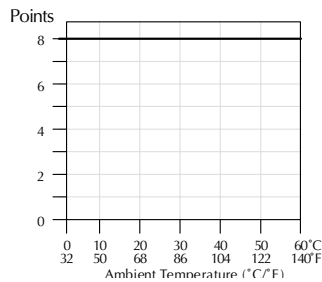


Current sourcing inputs

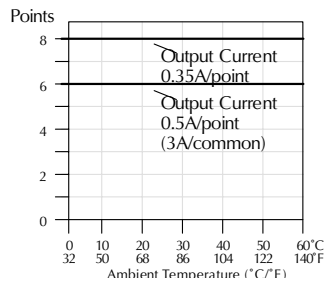


Current sinking output

Derating Chart for D4-SS-88 Inputs



Derating Chart for D4-SS-88 Outputs



www.automationdirect.com/dl405

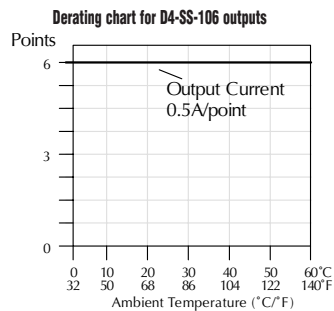
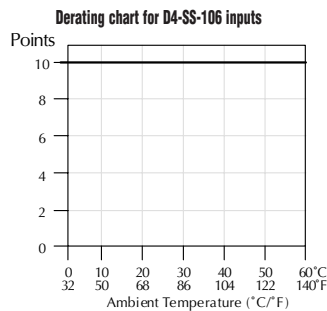
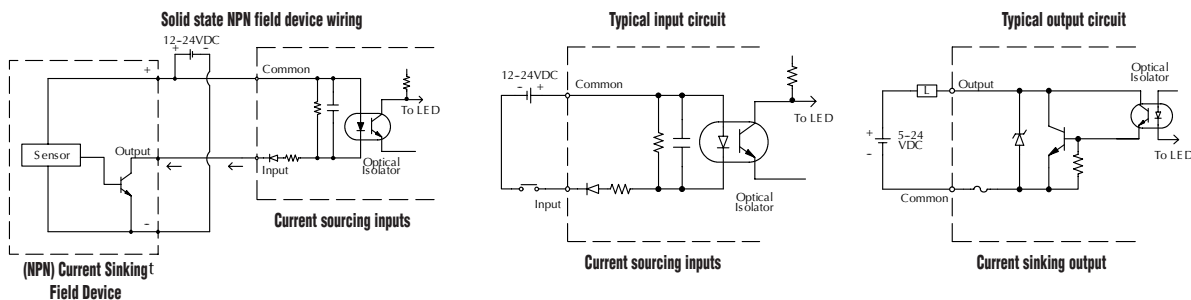
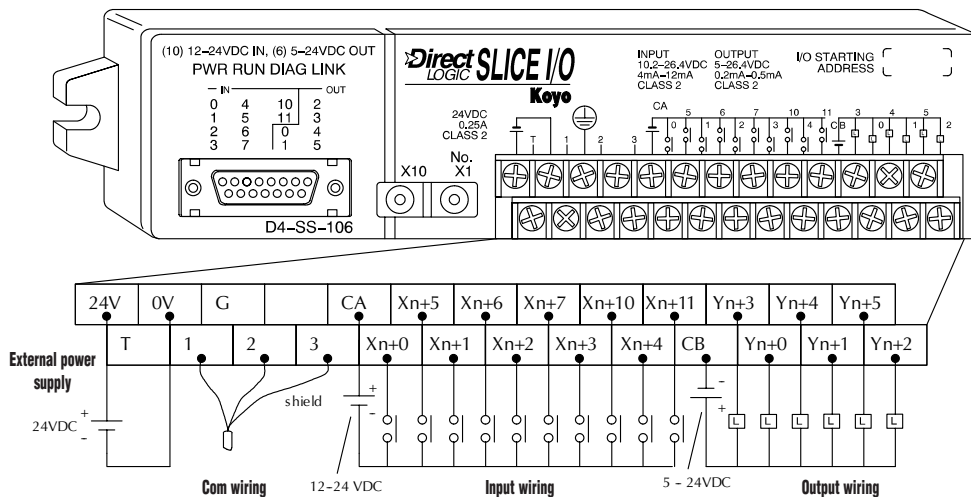


D4-SS-106

1-800-633-0405

DC Input Specifications	
Number of Input Points	10, 1 common
Input Voltage Range	10.2 – 26.4VDC
ON Current/Voltage Level	>3.5mA/9.5VDC
OFF Current/Voltage Level	<1.5mA/4.0VDC
OFF to ON Response	1.0 – 7.0 ms
ON to OFF Response	2.0 – 12.0 ms

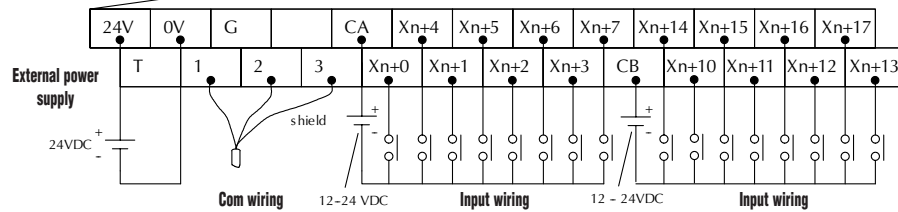
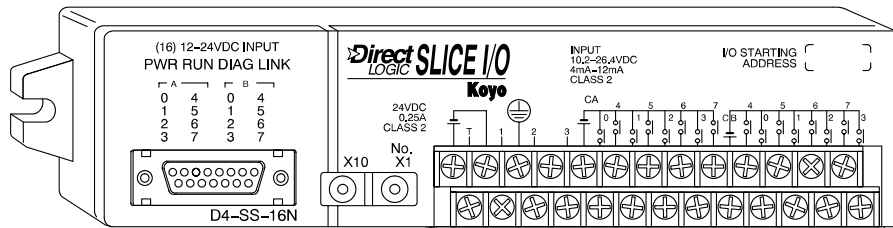
DC Output Specifications	
Number of Output Points	6, 1 common
Output Circuitry	NPN open collector
Input Voltage Range	5-26.4VDC
Peak Voltage	40VDC
ON Voltage Drop	<1.0V at 0.5A
Maximum Current Out (Resistive)	0.5A/point 3A per common
Maximum Leakage Current	0.1mA at 40V
Maximum Inrush Current	2.0A for 10ms 1.0A for 100ms



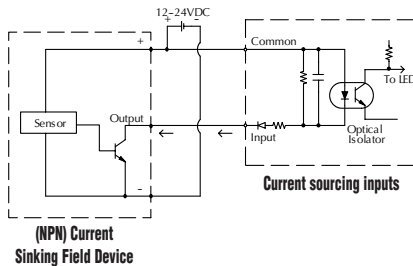


D4-SS-16N

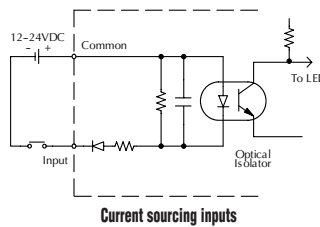
DC Input Specifications	
Number of Input Points	16, 2 commons
Input Voltage Range	10.2 – 26.4VDC
ON Current/Voltage Level	>3.5mA/9.5VDC
OFF Current/Voltage Level	<1.5mA/4.0VDC
OFF to ON Response	1.0 – 7.0 ms
ON to OFF Response	2.0 – 12.0 ms



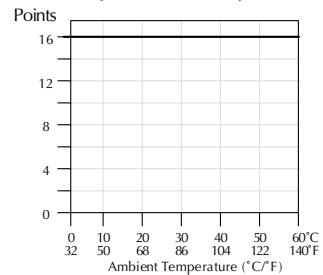
Solid state NPN field device wiring



Typical input circuit



Derating chart for D4-SS-16N inputs



Communication cables

Each Slave unit has a 15-pin D-shell communications port. This port is the same as the top port on the DL405 CPUs. You can program or monitor the CPU through this port with DirectSOFT32 or the handheld programmer.

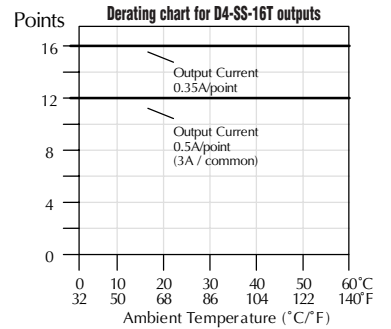
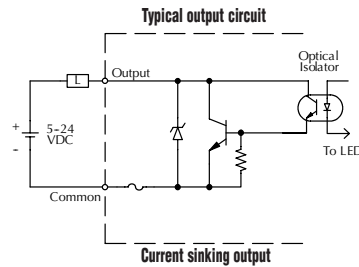
You can also connect the DV-1000 Operator Interface to this port. (All DV-1000 units will show the same data.) If you're using the handheld programmer or the DV-1000, remember to add the power requirement for the device when you select your 24VDC power supply. You can order the necessary cables with the following part numbers.

- D4-DSCBL—DirectSOFT32 programming cable for the DL405
- D4-HPCBL-1—DL405 handheld programmer cable (9.24ft., 3m)
- D4-HPCBL-2—DL405 handheld programmer cable (4.6ft., 1.5m)
- D4-1000CBL—DV-1000 cable used for DL405 top port (works on Slice slave also, 6.56ft., 2m)

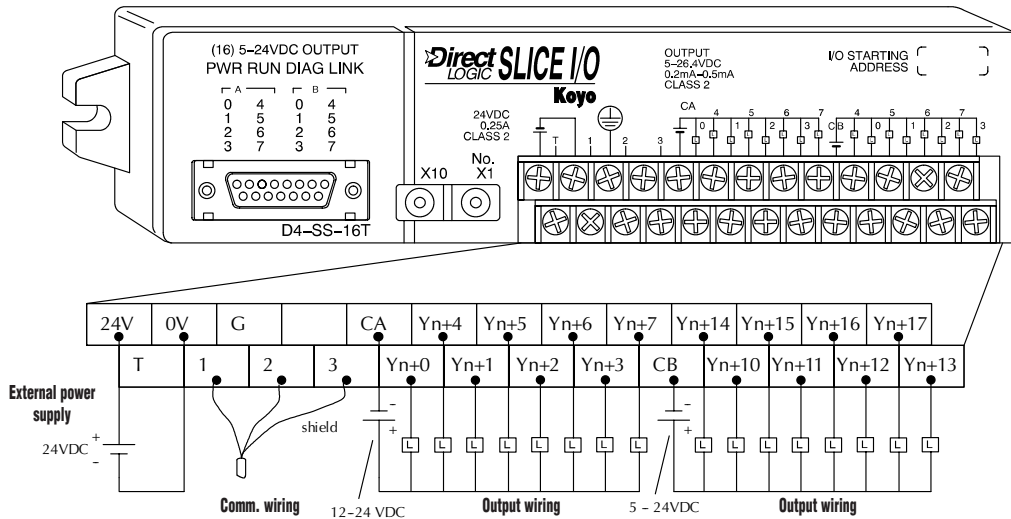


D4-SS-16T

DC Output Specifications	
Number of Output Points	16, two commons
Input Voltage Range	NPN Open collector
Peak Voltage	40VDC
ON Voltage Drop	<1.0V at 0.5A
Maximum Current Out (Resistive)	0.5A/point 3A per common
Maximum Leakage Current	0.1mA at 40V
Maximum Inrush Current	2.0A for 10ms 1.0A for 100ms

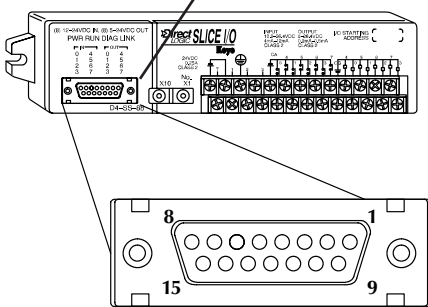


1-800-633-0405



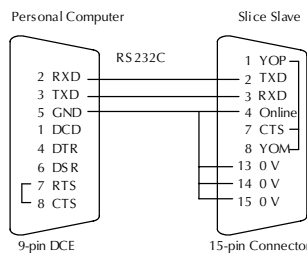
- 15-pin Female RS232C
- 9600 Baud
- 8 Data Bits
- 1 Start Bit
- 1 Stop Bit
- Odd Parity
- Half-duplex
- Asynchronous
- DTE

Auxiliary communication port. Can be used for programming with the handheld programmer or DirectSOFT32.

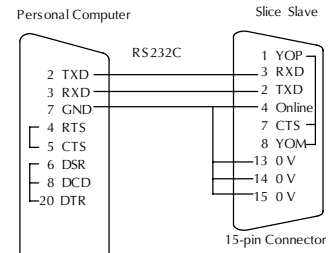


Cable diagrams for custom cables

If one of our cables isn't just right for your application, you may need to build your own custom cable. We suggest a high-quality shielded cable to reduce noise susceptibility.



Pin labeling conforms to the IBM DTE and DCE Standards



25-pin DTE Connector