

# DC INPUT MODULES

D3-16ND2-2 DC Input	
<b>Inputs per Module</b>	16 (current sourcing)
<b>Commons per Module</b>	8 (internally connected)
<b>Input Voltage Range</b>	18-36VDC
<b>Input Voltage</b>	Internally supplied
<b>Peak Voltage</b>	36VDC
<b>AC Frequency</b>	N/A
<b>ON Voltage Level</b>	>19V
<b>OFF Voltage Level</b>	<3V
<b>Input Impedance</b>	2.2Kohm
<b>Input Current</b>	20mA Max
<b>Minimum ON Current</b>	5mA
<b>Maximum OFF Current</b>	2mA
<b>Base Power Required</b>	9V 3mA+1.3mA/ON pt (24mA max) 24V 1mA+13mA/ON pt (209mA max)
<b>OFF to ON Response</b>	4-15ms
<b>ON to OFF Response</b>	4-15ms
<b>Terminal Types</b>	24-pin Removable connector
<b>Status Indicators</b>	Field side
<b>Weight</b>	5.3oz. (150g)

D3-16ND2F Fast Response Input	
<b>Inputs per Module</b>	16 (current sourcing)
<b>Commons per Module</b>	2 (internally connected)
<b>Input Voltage Range</b>	18-36VDC
<b>Input Voltage</b>	Internally supplied
<b>Peak Voltage</b>	36VDC
<b>AC Frequency</b>	N/A
<b>ON Voltage Level</b>	>19V
<b>OFF Voltage Level</b>	<13V
<b>Input Impedance</b>	1.8Kohm
<b>Input Current</b>	20mA max
<b>Minimum ON Current</b>	5mA
<b>Maximum OFF Current</b>	1mA
<b>Base Power Required</b>	9V 25mA max 24V 14mA/ON pt. (224mA max)
<b>OFF to ON Response</b>	0.8ms
<b>ON to OFF Response</b>	0.8ms
<b>Terminal Types</b>	Removable
<b>Status Indicators</b>	Field side
<b>Weight</b>	6.3oz. (180g)

See the Connection Systems section in this desk reference for part numbers of ZIPLinks cables and terminal blocks compatible with this module.



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