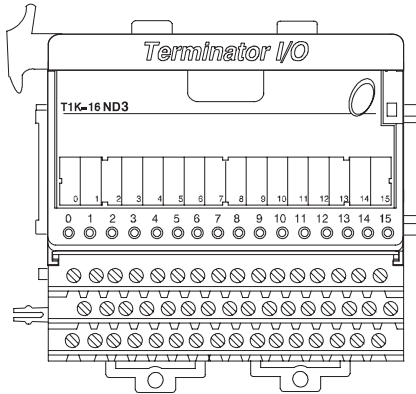


DC Input Modules

T1K-16ND3 <--->

16-point, 12/24 VDC input module

The 16-point DC module uses a T1K-16B or T1K-16B-1 base, which is purchased separately.



Module Specifications	T1K-16ND3
Inputs Per Module	16 (sink/source)
Commons, Non-isolated	Ext. power: 4, isolated (4 pts. /com) Int. power: 4, all 16 pts. internally connected
Operating Voltage Range	12-24 VDC
Input Voltage Range	10.8-26.4 VDC
Peak Range	30 VDC
Input Current (Typical)	4 mA @ 12 VDC, 8.5 mA @ 24 VDC
Input Impedance	2.8 K Ω
ON Voltage Level	> 10.0 VDC
OFF Voltage Level	< 2.0 VDC
Min. ON Current	4 mA
Max. OFF Current	0.5 mA
OFF to ON Response	2-8 ms, Typ: 4 ms
ON to OFF Response	2-8 ms, Typ: 4 ms
Base Power Required	70 mA @ 5 VDC
Status Indicators	Logic side
Weight	160 g

Note: When using external power, the module can be wired to either sink current or source current regardless of the module's sink/source jumper position. When using internal power, the sink/source jumpers determine the module's configuration.

