Table 4 - Technical Specifications - 1756 EtherNet/IP Modules[1]

Attribute	1756-EN2F/B 1756-EN2F/C	1756-EN2T/D, 1756-EN2TSC/B, 1756-EN2TP/A	1756-EN2TR/C, 1756-EN3TR/B	1756-EN4TR/A	1756-ENBT/A	1756-EWEB/B
EtherNet/IP communication rate	10/100 Mbps			10/100 Mbps 1 Gbps	10/100 Mbps	
Current draw @ 5.1V DC	1.2 A	1A			700 mA	
Current draw @ 24V DC	3 mA	—			3 mA	
Voltage and current ratings	5.1 V DC, 1.2A	—		5.1 V DC, 1.2A	—	
Power dissipation	6.2 W	5.1 W		6.12 W	3.7 W	
Thermal dissipation	21.28 BTU/hr	17.4 BTU/hr		20.9BTU/Hr	12.6 BTU/hr	
Isolation voltage	30V (continuous), Basic Insulation Type, USB to Backplane Type tested at980V AC for 60 s	30V (continuous), Basic Insulation Type, Ethernet to Backplane, USB to Backplane, and USB to Ethernet[4] Type tested at 980V AC for 60 s		30V (continuous), Basic Insulation Type, Ethernet to Backplane, USB to Backplane, and USB to Ethernet Type tested at 860V AC for 60 s	30V (continuous), basic insulation type, Ethernet network to backplane Type tested @ 707V DC for 60 s	
Slot width	1					
Module location	Chassis-based, any slot					
Chassis	1756-A4, 1756-A7, 1756-A10, 1756-A13, 1756-A17					
Power supply, standard	1756-PA72, 1756-PA75, 1756-PB72, 1756-PB75, 1756-PC75, 1756-PH75					
Power supply, redundant	1756-PA75R, 1756-PB75R, 1756-PSCA2					
Ethernet port	1 Ethernet fiber	1 Ethernet RJ45 Category 5	2 Ethernet RJ45 Category 5	Category 5E	1 Ethernet RJ45 Category 5	
Ethernet cable	Multimode fiber, LC connector	802.3 compliant shielded or unshielded twisted pair				
USB port[2]	USB 1.1, full speed (12 Mbps)			—		
Wiring category[3]	3 - on USB ports	2 - on Ethernet ports 3 - on USB ports			2 - on Ethernet ports	2 - on Ethernet ports
North American temp code	T4A					
ATEX temp code	T4					
IECEx temp code	T4					
Enclosure type rating	None (open-style)					
Transmitter launch power at Beginning of Life (BOL), min Allow -1 dB at End of Life (EOL)	-19 dBm into 62.5/125 µm fiber, N/A = 0.275 -22.5 dBm into 50/125 µm fiber, N/A = 0.20	—				

(1) Includes the K conformal coating catalog numbers.

(2) The USB port is intended for temporary local programming purposes only and not intended for permanent connection. Do not use the USB port in hazardous locations.

(3) Use this conductor category information for planning conductor routing as described in the system level installation manual. See the Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1.

(4) Applies only to these modules/series: 1756-EN2T/D,1756-EN2TSC/B, 1756-EN2TR/C,1756-EN3TR/B.