

Ethernet Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX and 100Base-FX IEEE 802.3ab for 1000Base-T IEEE 802.3z for 1000Base-X IEEE 802.3x for Flow control					
MAC Table	8192 MAC addresses					
Processing	Store-and-Forward					
LED Indicators						
Power Indicator	Green : Power LED x 3					
Fault Indicator	Amber : Indicates PWR1 or PWR2 failure occurred					
10/100Base-FX RJ45 Port Indicator	Green for port Link/Act. Amber for Duplex/Collision					
10/100/1000Base-T(X) / Fiber Port Indicator	Green for port Link/Act. Amber for Link					
Fault contact						
Relay	Relay output to carry capacity of 1A at 24VDC					
Power						
Redundant Input Power	Triple DC inputs. 12~48VDC on 7-pin terminal block, 12~45VDC on power jack					
Power Consumption (Typ.)	4 Watts	7 Watts	8 Watts	8 Watts	6 Watts	6 Watts
Overload Current Protection	Present					
Reverse Polarity Protection	Present on terminal block					
Physical Characteristics						
Enclosure	IP-30					
Dimensions (W x D x H)	52(W) x 106.1(D) x 144.3(H) mm (2.05x4.18x5.68 inch.)					
Weight (g)	666 g	677 g	680 g	680 g	685 g	685 g
Environmental						
Storage Temperature	-40 to 85°C (-40 to 185°F)					
Operating Temperature	-40 to 70°C (-40 to 158°F)					
Operating Humidity	5% to 95% Non-condensing					
Regulatory Approvals						
EMI	FCC Part 15, CISPR (EN55022) class A					
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11					
Shock	IEC60068-2-27					
Free Fall	IEC60068-2-32					
Vibration	IEC60068-2-6					
Safety	EN60950-1, UL508(E331061)					
MTBF (Hours) (MIL-HDBK-217F2, GB, GC, 25°C)	431,222	368,351	354,989	354,989	370,965	370,965
Warranty	5 years					

Ordering Information

IES-1 AA B CC - DD - EE

Code Definition	10/100Base-T(X) Port Number	Additional Port Number	Additional Port Type	Fiber Optical Mode	Fiber Optical Connector
Option	- 08 : 8 ports - 06 : 6 ports	- 0 : 0 port - 2 : 2 ports	- GT : 10/100/1000Base-T(X) - FX : 100Base-FX - GF : 1000Base-X	- MM : Multi-mode - SS : Single-mode	- SC : SC connector

	Model Name	Description
Available Model	IES-1080	Industrial 8-port unmanaged Ethernet switch with 8x10/100Base-T(X)
	IES-1062GT	Industrial 8-port unmanaged Ethernet switch with 6x10/100Base-T(X) and 2x10/100/1000Base-T(X)
	IES-1062FX-MM-SC	Industrial 8-port unmanaged Ethernet switch with 6x10/100Base-T(X) and 2x100Base-FX, multi-mode, 2km/1310nm, SC connector
	IES-1062FX-SS-SC	Industrial 8-port unmanaged Ethernet switch with 6x10/100Base-T(X) and 2x100Base-FX, single-mode, 30km/1310nm, SC connector
	IES-1062GF-MM-SC	Industrial 8-port unmanaged Ethernet switch with 6x10/100Base-T(X) and 2x1000Base-SX, multi-mode, 550m/850nm, SC connector
	IES-1062GF-SS-SC	Industrial 8-port unmanaged Ethernet switch with 6x10/100Base-T(X) and 2x1000Base-LX, single-mode, 10km/1310nm, SC connector
Packing List	Optional Accessories	
<ul style="list-style-type: none"> IES-1080 / 1062 series DIN-Rail Kit Wall-mount Kit Quick Installation Guide 	<ul style="list-style-type: none"> DR-45 series, 45W DIN-Rail power supply DR-75 series, 75W DIN-Rail power supply DR-120 series, 120W DIN-Rail power supply PAA-121000, 12VDC/1000mA 12W Power Adapter with universal 100 to 240VAC input, US plug PAE-121000, 12VDC/1000mA 12W Power Adapter with universal 100 to 240VAC input, EU plug SDR-240-48, 240W DIN-Rail power supply SDR-480-48, 480W DIN-Rail power supply 	