

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

GE PACSYSTEMS RX3I

IC086SLN080-A

EIGHT-PORT MANAGED INDUSTRIAL ETHERNET SWITCH

Used with the applicable PACSystems industrial Ethernet configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: GE official manufacturer documentation

Unmanaged & Lite Managed Switch Specification

Part Number	IC086SLN050	IC086SLN080	IC086SLN240	IC086SLN042MM IC086SLN042SS	IC086SLM042MM IC086SLM042SS
Managed	No	No	No	Yes	Yes
10/100BaseT(X) Ports	5	8	24	4	4
100Base-FX Ports	-	-	-	2 (SC Connector)	2 (SC Connector)
Fiber Mode	-	-	-	MM – Multi Mode SS- Single Mode	MM – Multi Mode SS- Single Mode
Ethernet Standard	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3x for Flow control		IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX and 100Base-FX IEEE 802.3x for Flow control	IEEE 802.3: 10Base-T IEEE 802.3u: 100Base-TX and 100Base-FX IEEE 802.3x for Flow control IEEE 802.1D: STP IEEE 802.1w: RSTP IEEE 802.1AB: LLDP)	
MAC Table	1024	2048	8192	2048	1024
Processing	Store-and-Forward	Store-and-Forward	Store-and-Forward	Store-and-Forward	Store-and-Forward
Redundant Input Power	Yes	Yes	Yes	Yes	Yes
Power Consumption (Typ.)	3 Watts	4 Watts	9.6 Watts	7 Watts	7 Watts
Overload Current Protection	Yes	Yes	Yes	Yes	Yes
Reverse Polarity Protection	Yes	Yes	Yes	Yes	Yes
Enclosure	IP30	IP30	IP30	IP30	IP30
Dimensions (W x D x H in mm)	26.1 × 70 × 95	26.1 x 94.9 x 144.3	96 .4x108.5 x 154	52 x 106.1 x 144.3	52 x 106.1 x 145.4
Weight	205g	391g	1052g	382g	670g
Storage Temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Operating Temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
Operating Humidity	5% to 95% non-condensing	5% to 95% non-condensing	5% to 95% non-condensing	5% to 95% non-condensing	5% to 95% non-condensing

PACSystems Industrial Ethernet Switches

Part Number	IC086SLN050	IC086SLN080	IC086SLN240	IC086SLN042MM IC086SLN042SS	IC086SLM042MM IC086SLM042SS
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	IEC60060-2-27				
Free Fall	IEC60068-2-32				
Vibration	IEC60068-2-6				
Safety	EN62368-1				

Managed Switch Specification

Part Number	IC086SLM082	IC086SLM162	IC086SLM084
10/100Base-T(X) Ports	8	16	-
10/100/1000Base-T(X) Ports	-	-	8
100/1000Base-X SFP Port	2	-	12
Gigabit Combo Port with 10/100/1000Base-T(X) and 100/1000Base-X SFP ports	-	2	-
Ethernet Standard	IEEE 802.3: 10Base-T IEEE 802.3u: 100Base-TX and 100Base-FX IEEE 802.3z 1000Base-X IEEE 802.3x: flow control IEEE 802.3ad: LACP IEEE 802.1D: STP IEEE 802.1p: COS IEEE 802.1Q: VLAN tagging IEEE 802.1W: RSTP IEEE 802.1s: MSTP IEEE 802.1X: Authentication IEEE 802.1AB: LLDP		IEEE 802.3: 10Base-T IEEE 802.3u: 100Base-TX and 100Base-FX IEEE 802.3z: 1000Base-X IEEE 802.3ab: 1000Base-T IEEE 802.3x : flow control IEEE 802.3ad: LACP IEEE 802.1D: STP IEEE 802.1p: COS IEEE 802.1Q: VLAN tagging IEEE 802.1W: RSTP IEEE 802.1s: MSTP IEEE 802.1x : Authentication IEEE 802.1AB: LLDP
MAC Table	8192		8192
Processing	Store-and-Forward		Store-and-Forward
Jumbo Frame	-		9.6K