

# ROCKETLINX

## INDUSTRIAL ETHERNET SWITCH PRODUCT COMPARISON CHART



Industrial Ethernet Switch	RocketLinX ES8105 (32025-8)	RocketLinX ES8105-XT (32024-1)	RocketLinX ES8105F-S (32026-5) & ES8105F-M (32027-2)	RocketLinX ES8105F-S-XT (32028-9) & ES8105F-M-XT (32029-6)
<b>HARDWARE</b>				
Managed/Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged
Total Ports	5	5	5	5
10/100BASE-TX Ports	5	5	4	4
10/100/1000BASE-TX Ports	N/A	N/A	N/A	N/A
Fiber Ports	N/A	N/A	1 (100BASE-FX)	1 (100BASE-FX)
Fiber Support	N/A	N/A	2KM (Multi-Mode) 30KM(Single-Mode)	2KM (Multi-Mode) 30KM(Single-Mode)
Fiber Connector	N/A	N/A	Duplex SC	Duplex SC
AC Power Input	18-27V	18-27V	18-27V	18-27V
DC Power Input	18-32V	18-32V	18-32V	18-32V
Power Consumption	Max. 3 Watts	Max. 3 Watts	Max. 4 Watts	Max. 4 Watts
Alarm Relay Output	1A, 24VDC	1A, 24VDC	1A, 24VDC	1A, 24VDC
DI/DO	N/A	N/A	N/A	N/A
<b>ENVIRONMENTAL</b>				
Operating Temperature	-25 to 70°C	-40 to 75°C	-10 to 60°C	-40 to 75°C
MTBF	93.45 Years	93.45 Years	81.45 Years	81.45 Years
<b>MECHANICAL</b>				
Mounting Method	DIN rail	DIN rail	DIN rail	DIN rail
Case Protection	IP31	IP31	IP31	IP31
<b>CERTIFICATIONS</b>				
NEMA TS2	No	No	No	No
Railway Vibration/Shock	No	No	No	No
CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL 508 Class 1 Div 2/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL 508 Class 1 Div 2/RoHS2
Warranty	5 Years	5 Years	5 Years	5 Years



Industrial Ethernet Switch	RocketLinX ES8105-GigE (32075-3)	RocketLinX ES8108 (32055-5)	RocketLinX ES8108-XT (32054-8)	RocketLinX ES8108F-S (32056-2) & ES8108F-M (32057-9)
<b>HARDWARE</b>				
Managed/Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged
Total Ports	5	8	8	8
10/100BASE-TX Ports	N/A	8	8	6
10/100/1000BASE-TX Ports	5	N/A	N/A	N/A
Fiber Ports	N/A	N/A	N/A	2 (100BASE-FX)
Fiber Support	N/A	N/A	N/A	2KM (Multi-Mode) 30KM(Single-Mode)
Fiber Connector	N/A	N/A	N/A	Duplex SC
AC Power Input	N/A	N/A	N/A	N/A
DC Power Input	12-48V	10-60VDC	10-60VDC	10-60VDC
Power Consumption	Max 8 Watts	Max. 3 Watts	Max. 3 Watts	Max. 6 Watts
Alarm Relay Output	1A, 24VDC	1A, 24VDC	1A, 24VDC	1A, 24VDC
DI/DO	N/A	N/A	N/A	N/A
<b>ENVIRONMENTAL</b>				
Operating Temperature	-10 to 70°C	-25 to 70°C	-40 to 75°C	-10 to 70°C
MTBF	29 Years	146.6 Years	146.6 Years	103.1 Years
<b>MECHANICAL</b>				
Mounting Method	DIN rail	DIN rail	DIN rail	DIN rail
Case Protection	IP31	IP31	IP31	IP31
<b>CERTIFICATIONS</b>				
NEMA TS2	No	No	No	No
Railway Vibration/Shock	No	No	No	No
CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL 508 Class 1 Div 2/RoHS2	CE/FCC/UL/RoHS2
Warranty	5 Years	5 Years	5 Years	5 Years

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## INDUSTRIAL ETHERNET SWITCH PRODUCT COMPARISON CHART (continued)



Industrial Ethernet Switch	RocketLinx ES8108F-S-XT (32059-3) & ES8108F-M-XT (32058-6)	RocketLinx ES8108-GigE (32085-2)	RocketLinx ES8508-XT (32010-4)	RocketLinx ES8508F-S-XT (32011-1) & ES8508F-M-XT (32012-8)
<b>HARDWARE</b>				
Managed/Unmanaged	Unmanaged	Unmanaged	Managed	Managed
Total Ports	8	8	8	8
10/100BASE-TX Ports	6	0	8	6
10/100/1000BASE-TX Ports	N/A	8	0	0
Fiber Ports	2 (100BASE-FX)	N/A	N/A	2 (100BASE-FX)
Fiber Support	2KM (Multi-Mode) 30KM (Single-Mode)	N/A	N/A	2KM (Multi-Mode) 30KM (Single-Mode)
Fiber Connector	Duplex SC	N/A	N/A	Duplex SC
AC Power Input	N/A	N/A	N/A	N/A
DC Power Input	10-60VDC	12-48VDC	10-60VDC	10-60VDC
Power Consumption	Max. 6 Watts	Max. 8 Watts	Max. 15 Watts	Max. 15 Watts
Alarm Relay Output	1A, 24VDC	1A, 24VDC	1A, 24VDC	1A, 24VDC
DI/DO	N/A	N/A	1 DI, 1 DO (Alarm Relay Output)	1 DI, 1 DO (Alarm Relay Output)
<b>ENVIRONMENTAL</b>				
Operating Temperature	-40 to 75°C	-10 to 70°C	-40 to 75°C	-40 to 75°C
MTBF	103.1 Years	29 Years	79.98 Years	75.4 Years
<b>MECHANICAL</b>				
Mounting Method	DIN rail	DIN rail	DIN rail	DIN rail
Case Protection	IP31	IP31	IP31	IP31
<b>CERTIFICATIONS</b>				
NEMA TS2	No	No	Yes	Yes
Railway Vibration/Shock	No	No	EN 50121-4/-1 IEC 61373	EN 50121-4/-1 IEC 61373
CE/FCC/UL/RoHS2	CE/FCC/UL 508 Class 1 Div 2/ RoHS2	CE/FCC/UL/RoHS2	CE/FCC/RoHS2	CE/FCC/RoHS2
Warranty	5 Years	5 Years	5 Years	5 Years



Industrial Ethernet Switch	RocketLinX ES8509-XT (32065-4)	RocketLinX ES8510 (32060-9) & ES8510-XT (32061-6)	RocketLinX ES8510-XTE (32062-3)	RocketLinX ES8520-XT (32142-2)	RocketLinX ES9528 (32070-8) & ES9528-XT (32071-5)
<b>HARDWARE</b>					
<b>Managed/Unmanaged</b>	Managed	Managed	Managed	Managed	Managed
<b>Total Ports</b>	9	10	10	20	28
<b>10/100BASE-TX Ports</b>	0	7	7	16	24
<b>10/100/1000BASE-TX Ports</b>	4	3	3	4	4
<b>Fiber Ports</b>	5 Combo RJ45/SFP (Giga & 100BASE-FX)	3 Combo RJ45/SFP (Giga & 100BASE-FX)	3 Combo RJ45/SFP (100BASE-FX)	4 Gigabit RJ45/SFP combo ports	4 Combo RJ45/SFP (Giga)
<b>Fiber Support</b>	2KM (Multi-Mode) 30KM (Single-Mode)	2KM (Multi-Mode) 30KM (Single-Mode)	2KM (Multi-Mode) 30KM (Single-Mode)	2KM (Multi-Mode) 30KM (Single-Mode)	2KM (Multi-Mode) 30KM (Single-Mode)
<b>Fiber Connector</b>	Duplex LC	Duplex LC	Duplex LC	Duplex LC	Duplex LC
<b>AC Power Input</b>	N/A	N/A	N/A	N/A	90-264VAC
<b>DC Power Input</b>	10.5-60VDC	12-48VDC	12-48VDC	9.6 to 60VDC	N/A
<b>Power Consumption</b>	Max. 24 Watts	Max. 20 Watts	Max 24 Watts	Max. 20 Watts	Max. 20 Watts
<b>Alarm Relay Output</b>	1A, 30VDC	1A, 24VDC	1A, 24VDC	N/A	N/A
<b>DI/DO</b>	1DI, 1 DO (Alarm Relay Output)	2DI, 2 DO (Alarm Relay Output)	2DI, 2 DO (Alarm Relay Output)	1DI, 1 DO (Alarm Relay Output)	N/A
<b>ENVIRONMENTAL</b>					
<b>Operating Temperature</b>	-40° to 75°C	-20° to 70°C, -40° to 74°C (XT)	-40° to 74°C	-40 to 75°C	-25° to 70°C, -40° to 74°C(XT)
<b>MTBF</b>	48.62 Years	28.53 Years 43.76 Years (XT)	34.6 Years	28.53 years	25.11 Years
<b>MECHANICAL</b>					
<b>Mounting Method</b>	DIN rail	DIN rail	DIN rail	DIN rail	Rack mount
<b>Case Protection</b>	IP31	IP31	IP31	IP30	IP31
<b>CERTIFICATIONS</b>					
<b>NEMA TS2</b>	NEMA TS2	NEMA TS2 (XT)	NEMA TS2	NEMA TS2	NEMA TS2 (XT)
<b>Railway Vibration/Shock</b>	No	No	No	No	No
<b>CE/FCC/UL/RoHS2</b>	CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2
<b>Warranty</b>	5 Years	5 Years	5 Years	5 Years	5 Years