

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) |
|----------------------------|-----------------------------|-----------------------------------|---|---|
| HARDWARE | | | | |
| 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 |
| ENVIRONMENTAL | | | | |
| 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 |
| MECHANICAL | | | | |
| Mounting Method | DIN rail | DIN rail | DIN rail | DIN rail |
| Case Protection | IP31 | IP31 | IP31 | IP31 |
| CERTIFICATIONS | | | | |
| 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) |
|----------------------------|----------------------------------|-----------------------------|-----------------------------------|--|
| HARDWARE | | | | |
| 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 |
| ENVIRONMENTAL | | | | |
| 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 |
| MECHANICAL | | | | |
| Mounting Method | DIN rail | DIN rail | DIN rail | DIN rail |
| Case Protection | IP31 | IP31 | IP31 | IP31 |
| CERTIFICATIONS | | | | |
| 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 |

ROCKETLINX

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) |
|----------------------------|---|----------------------------------|---------------------------------|---|
| HARDWARE | | | | |
| 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) |
| ENVIRONMENTAL | | | | |
| 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 |
| MECHANICAL | | | | |
| Mounting Method | DIN rail | DIN rail | DIN rail | DIN rail |
| Case Protection | IP31 | IP31 | IP31 | IP31 |
| CERTIFICATIONS | | | | |
| 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 (32073-9) |
|----------------------------|--|---|--|--|---|
| HARDWARE | | | | | |
| Managed/Unmanaged | Managed | Managed | Managed | Managed | Managed |
| Total Ports | 9 | 10 | 10 | 20 | 28 |
| 10/100BASE-TX Ports | 0 | 7 | 7 | 16 | 24 |
| 10/100/1000BASE-TX Ports | 4 | 3 | 3 | 4 | 4 |
| Fiber Ports | 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) |
| Fiber Support | 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) |
| Fiber Connector | Duplex LC | Duplex LC | Duplex LC | Duplex LC | Duplex LC |
| AC Power Input | N/A | N/A | N/A | N/A | 90-264VAC |
| DC Power Input | 10.5-60VDC | 12-48VDC | 12-48VDC | 9.6 to 60VDC | N/A |
| Power Consumption | Max. 24 Watts | Max. 20 Watts | Max 24 Watts | Max. 20 Watts | Max. 20 Watts |
| Alarm Relay Output | 1A, 30VDC | 1A, 24VDC | 1A, 24VDC | N/A | N/A |
| DI/DO | 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 |
| ENVIRONMENTAL | | | | | |
| Operating Temperature | -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) |
| MTBF | 48.62 Years | 28.53 Years 43.76 Years (XT) | 34.6 Years | 28.53 years | 25.11 Years |
| MECHANICAL | | | | | |
| Mounting Method | DIN rail | DIN rail | DIN rail | DIN rail | Rack mount |
| Case Protection | IP31 | IP31 | IP31 | IP30 | IP31 |
| CERTIFICATIONS | | | | | |
| NEMA TS2 | NEMA TS2 | NEMA TS2 (XT) | NEMA TS2 | NEMA TS2 | NEMA TS2 (XT) |
| Railway Vibration/Shock | No | No | No | No | No |
| CE/FCC/UL/RoHS2 | CE/FCC/UL/RoHS2 | CE/FCC/UL/RoHS2 | CE/FCC/UL/RoHS2 | CE/FCC/UL/RoHS2 | CE/FCC/UL/RoHS2 |
| Warranty | 5 Years | 5 Years | 5 Years | 5 Years | 5 Years |