

Selection Guide / Ethernet Switches



Hardened Managed >>		Hardened Unmanaged >>		
Model Name	EX65000	EX74000 <small>NEW</small>	EX95000	EX33000
Interface				
Max. 10/100 BASE-TX	-	6	16	16
Max. 10/100/1000 BASE-T	8	2	-	-
Max. 100 BASE-FX	-	-	2	2
Max. 100 BASE-SFP	-	-	-	-
Max. 1000 BASE - SX/LX/BX	2	-	-	-
Max. 1000 BASE - SFP	-	2	-	-
PoE Ports	-	4 (30W)	-	-
RS-232 Console Port	√	√	-	-
Alarm Contact	√	-	√	√
Performance				
MAC Address Table Size	4096	8192	4096	4096
Packet Buffer Memory (bits)	1M	2M	1.625M	1.625M
Machanical				
Casing	aluminum	metal	aluminum	aluminum
Installation*	D, P	P	D, P, R	D, P, R
Dimensions (WxHxD)	65x125x145	200x134x150	75.5x110x135	69.5x110x135
Power Input				
No. of Power Input	3	1	3	3
110 - 240VAC	-	-	-	-
Terminal Block	12 - 32VDC	48 - 55VDC	12 - 48VDC	12 - 48VDC
DC Jack	12VDC	-	12VDC	12VDC
Operating Temperature				
-20°C to 60°C	√	-	-	√
-40°C to 75°C	-	√	√	-
Network Redundancy				
α-Ring / α-Chain	√	√	-	-
STP / RSTP / MSTP	√	√	-	-
Network Management & Control				
	VLAN, QoS, IGMP, GMRP, Bandwidth Rate Control, Port Trunking, Port Mirroring, Packet Filtering, IEEE802.1x Security, SNMP (v1, v2c, v3), RMON, Web Management, Telnet Management, RS-232 Console Management			-
Regulatory Approvals				
CE / FCC	√	√	√	√
UL508	√	-	√	√
ISA12.12.01 / UL1604	-	-	-	-
IEC61850-3 / IEEE1613	-	-	-	-
EN50121-4	-	-	-	-
UL60950	-	-	-	-

* D: DIN-Rail Mounting, P: Panel Mounting, R: Rack Mounting, W: Wall Mounting

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Hardened Unmanaged >>				
Model Name	EX47000	EX94000	EX35000	EX49000 NEW
Interface				
Max. 10/100 BASE-TX	8	8	-	16
Max. 10/100/1000 BASE-T	-	-	8	2
Max. 100 BASE-FX	2	4	-	-
Max. 100 BASE-SFP	-	-	-	-
Max. 1000 BASE - SX/LX/BX	-	-	2	2
Max. 1000 BASE - SFP	-	-	-	2
PoE Ports	-	-	-	16
RS-232 Console Port	-	-	-	-
Alarm Contact	✓	✓	✓	✓
Performance				
MAC Address Table Size	2048	2048	8192	4096
Packet Buffer Memory (bits)	448K	768K	1.125M	2.25M
Machanical				
Casing	aluminum	aluminum	aluminum	metal
Installation	D, P	D, P	D, P	R
Dimensions (WxHxD)	60x125x145	50x110x145	68x110x135	442x44.2x205
Power Input				
No. of Power Input	3	3	3	2
110 - 240VAC	-	-	-	-
Terminal Block	12 - 48VDC	12 - 48VDC	12 - 32VDC	55VDC
DC Jack	12VDC	12VDC	12VDC	-
Operating Temperature				
-10°C to 60°C	-	-	(-20°C to 60°C)	-
-40°C to 75°C	✓	✓	-	✓
Network Redundancy				
α-Ring / α-Chain	-	-	-	-
STP / RSTP / MSTP	-	-	-	-
Network Management & Control				
				System, IP Configuration, VLAN, QoS, Web Management
Regulatory Approvals				
CE / FCC	✓	✓	✓	✓
UL508	Pending	-	✓	Pending
ISA12.12.01 / UL1604	-	✓	-	-
IEC61850-3 / IEEE1613	✓	-	-	-
EN50121-4	✓	-	-	-
UL60950	-	✓	-	-

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Hardened Unmanaged >>				
Model Name	EX49000A <small>NEW</small>	EX46100	EX36100	EX48000
Interface				
Max. 10/100 BASE-TX	16	8	8	5
Max. 10/100/1000 BASE-T	2	-	-	-
Max. 100 BASE-FX	-	2	2	1
Max. 100 BASE-SFP	-	-	-	-
Max. 1000 BASE - SX/LX/BX	2	-	-	-
Max. 1000 BASE - SFP	2	-	-	-
PoE Ports	16 (30W)	4 (30W)	4 (30W)	4 (30W)
RS-232 Console Port	-	-	-	-
Alarm Contact	√	√	√	√
Performance				
MAC Address Table Size	4096	1024	1024	1024
Packet Buffer Memory (bits)	2.25M	1M	1M	512K
Machanical				
Casing	metal	aluminum	aluminum	aluminum
Installation	R	D, P, R	D, P, R	D, W
Dimensions (WxHxD)	442x44.2x205	68x110x135	68x110x135	200x134x35
Power Input				
No. of Power Input	2	3	3	3
110 - 240VAC	-	-	-	-
Terminal Block	55VDC	48 - 55VDC	48 - 55VDC	55VDC
DC Jack	-	55VDC	55VDC	55VDC
Operating Temperature				
-20°C to 60°C	-	-	√	-
-40°C to 75°C	√	√	-	√
Network Redundancy				
α-Ring / α-Chain	-	-	-	-
STP / RSTP / MSTP	-	-	-	-
Network Management & Control				
	-	System, IP Configuration, VLAN, QoS, Web Management		
Regulatory Approvals				
CE / FCC	√	√	√	√
UL508	Pending	Pending	Pending	Pending
ISA12.12.01 / UL1604	-	-	-	-
IEC61850-3 / IEEE1613	-	-	-	-
EN50121-4	-	-	-	-
UL60950	-	-	-	-

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Hardened Unmanaged >>				
Model Name	EX38000	EX48000A	EX38000A	EX46000
Interface				
Max. 10/100 BASE-TX	5	5	5	8
Max. 10/100/1000 BASE-T	-	-	-	-
Max. 100 BASE-FX	1	1	1	2
Max. 100 BASE-SFP	-	-	-	-
Max. 1000 BASE - SX/LX/BX	-	-	-	-
Max. 1000 BASE - SFP	-	-	-	-
PoE Ports	4 (30W)	4 (15.4W)	4 (15.4W)	4 (15.4W)
RS-232 Console Port	-	-	-	-
Alarm Contact	√	√	√	√
Performance				
MAC Address Table Size	1024	1024	1024	1024
Packet Buffer Memory (bits)	512K	512K	512K	1M
Machanical				
Casing	aluminum	aluminum	aluminum	aluminum
Installation	D, W	D, W	D, W	D, P, R
Dimensions (WxHxD)	200x35x134.3	200x35x134.3	200x35x134.3	68x135x110
Power Input				
No. of Power Input	3	3	3	3
110 - 240VAC	-	-	-	-
Terminal Block	55VDC	48VDC	48VDC	48VDC
DC Jack	55VDC	48VDC	48VDC	48VDC
Operating Temperature				
-10°C to 60°C	√	-	√	-
-40°C to 75°C	-	√	-	√
Network Redundancy				
α-Ring / α-Chain	-	-	-	-
STP / RSTP / MSTP	-	-	-	-
Network Management & Control				
	System, IP Configuration, VLAN,QoS, Web Management	-	-	System, IP Configuration, VLAN,QoS, Web Management
Regulatory Approvals				
CE / FCC	√	√	√	√
UL508	Pending	Pending	Pending	Pending
ISA12.12.01 / UL1604	-	-	-	-
IEC61850-3 / IEEE1613	-	-	-	-
EN50121-4	-	-	-	-
UL60950	-	-	-	-

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Hardened Unmanaged >>					
Model Name	EX36000	EX45000	EX34000	EX43000	EX20000
Interface					
Max. 10/100 BASE-TX	8	8	8	8	5
Max. 10/100/1000 BASE-T	-	-	-	-	-
Max. 100 BASE-FX	2	2	2	4	1
Max. 100 BASE-SFP	-	-	-	-	-
Max. 1000 BASE - SX/LX/BX	-	-	-	-	-
Max. 1000 BASE - SFP	-	-	-	-	-
PoE Ports	4 (15.4W)	4 (15.4W)	4 (15.4W)	-	-
RS-232 Console Port	-	-	-	-	-
Alarm Contact	✓	✓	✓	✓	-
Performance					
MAC Address Table Size	1024	1024	1024	2048	2048
Packet Buffer Memory (bits)	1M	1M	1M	768K	384K
Machanical					
Casing	metal	aluminum	aluminum	aluminum	plastic
Installation	D, P, R	D, P, R	D, P, R	D, P, R	D
Dimensions (WxHxD)	62x135x110	68x135x110	62x135x110	50x135x125	26x110x70
Power Input					
No. of Power Input	3	3	3	2	1
110 - 240VAC	-	-	-	-	-
Terminal Block	48VDC	48VDC	48VDC	12 - 30VDC	12 - 48VDC
DC Jack	48VDC	48VDC	48VDC	12VDC	-
Operating Temperature					
-10°C to 60°C	✓	-	✓	(-20°C to 60°C)	✓
-40°C to 75°C	-	✓	-	-	-
Network Redundancy					
α-Ring / α-Chain	-	-	-	-	-
STP / RSTP / MSTP	-	-	-	-	-
Network Management & Control					
	System, IP Configuration, VLAN, QoS, Web Management		-		
Regulatory Approvals					
CE / FCC	✓	✓	✓	✓	✓
UL508	Pending	Pending	Pending	-	-
ISA12.12.01 / UL1604	-	-	-	-	-
IEC61850-3 / IEEE1613	-	-	-	-	-
EN50121-4	-	-	-	-	-
UL60950	-	-	-	✓	✓

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