

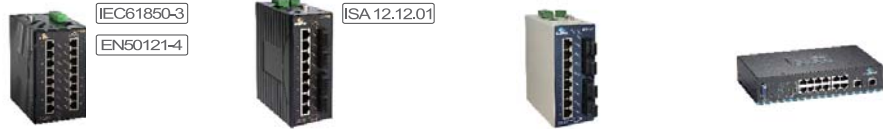
# Selection Guide / Ethernet Switches



<b>Hardened Managed &gt;&gt;</b>				
Model Name	EX77000	EX87000	EX89000 <small>NEW</small>	EX76000
<b>Interface</b>				
Max. 10/100 BASE-TX	24	24	24	16
Max. 10/100/1000 BASE-T	4	4	4	2
Max. 100 BASE-FX	24	24	18	4
Max. 100 BASE-SFP	24	24	4	-
Max. 1000 BASE - SX/LX/BX	4	4	4	2
Max. 1000 BASE - SFP	4	4	4	-
PoE Ports	-	-	-	16 (15.4W)
RS-232 Console Port	✓	✓	✓	✓
Alarm Contact	-	-	✓	✓
<b>Performance</b>				
MAC Address Table Size	8192	8192	8192	8192
Packet Buffer Memory (bits)	3M	3M	3M	2M
<b>Machanical</b>				
Casing	metal	metal	metal	metal
Installation*	R	R	R	R
Dimensions (WxHxD)	Single Power: 442x250x44 Dual Power: 442x375x44	Single Power: 442x284x44 Dual Power: 442x375x44	Single Power: 442x343x44	442x205x44
<b>Power Input</b>				
No. of Power Input	1 or 2	1 or 2	1	2
110 - 240VAC	✓	✓	✓	-
Terminal Block	±48VDC, 88 - 370VDC	±48VDC, 88 - 370VDC	±48VDC, 88 - 370VDC	48VDC
DC Jack	-	-	-	-
<b>Operating Temperature</b>				
-10°C to 60°C	-	-	-	-
-40°C to 75°C	✓	✓	✓	✓
<b>Network Redundancy</b>				
α-Ring / α-Chain	✓	✓	✓	✓
STP / RSTP / MSTP	✓	✓	✓	✓
<b>Network Management &amp; Control</b>				
	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			
<b>Regulatory Approvals</b>				
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

# Selection Guide / Ethernet Switches



<b>Hardened Managed &gt;&gt;</b>				
Model Name	EX83000 <small>NEW</small>	EX73000	EX63000	EX72000
<b>Interface</b>				
Max. 10/100 BASE-TX	16	16	16	14
Max. 10/100/1000 BASE-T	2	2	2	2
Max. 100 BASE-FX	4	4	4	2
Max. 100 BASE-SFP	-	-	-	-
Max. 1000 BASE - SX/LX/BX	2	2	2	2
Max. 1000 BASE - SFP	2	-	-	2
PoE Ports	-	-	-	-
RS-232 Console Port	√	√	√	√
Alarm Contact	√	√	√	-
<b>Performance</b>				
MAC Address Table Size	8192	8192	8192	8192
Packet Buffer Memory (bits)	2M	2M	2M	2M
<b>Machanical</b>				
Casing	aluminum	aluminum	aluminum	metal
Installation	D, P	D, P	D, P	D, P, R
Dimensions (WxHxD)	84x125x145	65x125x145	59x125x145	235x125x50
<b>Power Input</b>				
No. of Power Input	3	3	3	3
110 - 240VAC	-	-	-	-
Terminal Block	12 - 48VDC	12 - 48VDC	12 - 48VDC	12 - 48VDC
DC Jack	12VDC	12VDC	12VDC	12VDC
<b>Operating Temperature</b>				
-10°C to 60°C	-	-	√	-
-40°C to 75°C	√	√	-	√
<b>Network Redundancy</b>				
α-Ring / α-Chain	√	√	√	√
STP / RSTP / MSTP	√	√	√	√
<b>Network Management &amp; Control</b>				
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				
<b>Regulatory Approvals</b>				
CE / FCC	√	√	√	√
UL508	-	√	-	√
ISA12.12.01 / UL1604	-	√	-	-
IEC61850-3 / IEEE1613	√	-	-	-
EN50121-4	√	-	-	-
UL60950	-	-	-	-

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# Selection Guide / Ethernet Switches



<b>Hardened Managed &gt;&gt;</b>				
Model Name	EX62000	EX71000	EX61000A	EX78000
<b>Interface</b>				
Max. 10/100 BASE-TX	14	8	8	8
Max. 10/100/1000 BASE-T	2	2	2	2
Max. 100 BASE-FX	2	4	4	4
Max. 100 BASE-SFP	-	4	4	2
Max. 1000 BASE - SX/LX/BX	2	2	2	2
Max. 1000 BASE - SFP	2	2	2	2
PoE Ports	-	-	-	8 (15.4W) or 6 (30W)
RS-232 Console Port	✓	✓	✓	✓
Alarm Contact	-	✓	✓	✓
<b>Performance</b>				
MAC Address Table Size	8192	8192	8192	8192
Packet Buffer Memory (bits)	2M	2M	2M	2M
<b>Machanical</b>				
Casing	metal	aluminum	metal	aluminum
Installation*	D, P, R	D, P, R	D, P, R	D, P
Dimensions (WxHxD)	235x125x50	60x125x145	60x125x145	71.4x140x170
<b>Power Input</b>				
No. of Power Input	3	3	3	3
110 - 240VAC	-	-	-	-
Terminal Block	12 - 48VDC	12 - 48VDC	12 - 48VDC	48VDC
DC Jack	12VDC	12VDC	12VDC	48VDC
<b>Operating Temperature</b>				
-10°C to 60°C	✓	-	✓	-
-40°C to 75°C	-	✓	-	✓
<b>Network Redundancy</b>				
α-Ring / α-Chain	✓	✓	✓	✓
STP / RSTP / MSTP	✓	✓	✓	✓
<b>Network Management &amp; Control</b>				
	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			
<b>Regulatory Approvals</b>				
CE / FCC	✓	✓	✓	✓
UL508	-	✓	-	✓
ISA12.12.01 / UL1604	-	-	-	-
IEC61850-3 / IEEE1613	-	-	-	-
EN50121-4	-	✓	✓	-
UL60950	-	-	-	-

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# Selection Guide / Ethernet Switches



<b>Hardened Managed &gt;&gt;</b>		<b>Hardened Unmanaged &gt;&gt;</b>		
Model Name	EX65000	EX74000 <small>NEW</small>	EX95000	EX33000
<b>Interface</b>				
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	√	-	√	√
<b>Performance</b>				
MAC Address Table Size	4096	8192	4096	4096
Packet Buffer Memory (bits)	1M	2M	1.625M	1.625M
<b>Machanical</b>				
Casing	aluminum	metal	aluminum	aluminum
Installation*	D, P	P	D, P, R	D, P, R
Dimensions (WxHxD)	65x125x145	200x134x150	75.5x110x135	69.5x110x135
<b>Power Input</b>				
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
<b>Operating Temperature</b>				
-20°C to 60°C	√	-	-	√
-40°C to 75°C	-	√	√	-
<b>Network Redundancy</b>				
α-Ring / α-Chain	√	√	-	-
STP / RSTP / MSTP	√	√	-	-
<b>Network Management &amp; Control</b>				
	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			-
<b>Regulatory Approvals</b>				
CE / FCC	√	√	√	√
UL508	√	-	√	√
ISA12.12.01 / UL1604	-	-	-	-
IEC61850-3 / IEEE1613	-	-	-	-
EN50121-4	-	-	-	-
UL60950	-	-	-	-

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