

# Selection Guide / Media Converters



<b>Fast Ethernet &gt;&gt;</b>						
Model Name	EL1141	EL900	EX42011	EL1032	EL1033	EL150A EL150
<b>Interface</b>						
Max. 100 BASE-T	-	-	-	-	-	-
Max. 10/100 BASE-TX	1	1	1	1	1	1
Max. 1000 BASE-T	-	-	-	-	-	-
Max. 10/100/1000 BASE-T	-	-	-	-	-	-
Max. 100 BASE-FX/BX WDM	1	1	1	1	1	1
Max. 100 BASE-SFP	-	-	-	-	-	-
Max. 1000 BASE-SX/LX/BX	-	-	-	-	-	-
Max. 1000 BASE-SFP	-	-	-	-	-	-
Max. PoE Ports	-	-	-	PSE	PD	-
Web Management	-	-	-	-	-	√
Alarm Contact	√	√	-	-	-	-
<b>Mode of Operations</b>						
Auto-negotiation, Auto-MDI/MDI-X	√	√	√	√	√	√
Flow Control	√	√	√	√	√	√
Store & Forward	√	√	√	√	√	√
Link Fault Pass Through	√	√	-	√	√	-
<b>Mechanical</b>						
Casing	aluminum	aluminum	plastic	aluminum	aluminum	aluminum
Installation*	D, P, R	D, P, R	D	D, P	D, P	W
Dimensions (WxHxD)	50x110x135	50x110x135	26x70x110	70x110x30	70x110x30	80x145x20
<b>Power Input</b>						
No. of Power Input	3	2	1	2	2	1
Terminal Block	12 - 48VDC	10 - 48VDC	12 - 48VDC	48VDC	48VDC	-
DC Jack	12VDC	12VDC	12VDC	48VDC	48VDC	12VDC
<b>Operating Temperature</b>						
0°C to 45°C	-	-	-	-	-	√
-10°C to 60°C	-	-	√	√	√	-
-40°C to 75°C	√	√	-	-	-	-
<b>Regulatory Approvals</b>						
CE / FCC	√	√	√	√	√	√
VCCI	√	√	√	√	√	√
UL508	√	-	-	√	√	-
ISA12.12.01 / UL1604	-	√	-	-	-	-
IEC61850-3	√	-	-	-	-	-
EN50121-4	√	-	-	-	-	-
UL/cUL 60950-1	-	√	√	-	-	-

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

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<b>Fast Ethernet &gt;&gt;</b>					
Model Name	EM120	EL100	EL200	EL50	EN303
<b>Interface</b>					
Max. 100 BASE-T	-	1	1	-	-
Max. 10/100 BASE-TX	-	1	1	1	1
Max. 1000 BASE-T	-	-	-	-	-
Max. 10/100/1000 BASE-T	-	-	-	-	-
Max. 100 BASE-FX/BX WDM	2	1	1	1	1
Max. 100 BASE-SFP	-	-	-	-	-
Max. 1000 BASE-SX/LX/BX	-	-	-	-	-
Max. 1000 BASE-SFP	-	-	-	-	-
Max. PoE Ports	-	-	-	-	-
Web Management	-	-	-	-	-
Alarm Contact	-	-	-	-	-
<b>Mode of Operations</b>					
Auto-negotiation, Auto-MDI/MDI-X	-	√	√	√	√
Flow Control	-	√	√	√	√
Store & Forward	-	√	√	√	√
Link Fault Pass Through	-	√	√	-	-
<b>Machanical</b>					
Casing	aluminum	aluminum	aluminum	metal	-
Installation*	C, W	C, W	C, W	W	PCI
Dimensions (WxHxD)	80.3x109.2x23.8	80.3x109.2x23.8	80.3x109.2x23.8	54.2x80.3x21.9	120x56
<b>Power Input</b>					
No. of Power Input	1	1	1	1	1
Terminal Block	-	-	-	-	-
DC Jack	12VDC	12VDC	12VDC	12VDC	-
<b>Operating Temperature</b>					
0°C to 45°C	√	√	√	√	√
-10°C to 60°C	-	-	-	-	-
-40°C to 75°C	-	-	-	-	-
<b>Regulatory Approvals</b>					
CE / FCC	√	√	√	√	√
VCCI	√	√	√	√	-
UL508	-	-	-	-	-
ISA12.12.01 / UL1604	-	-	-	-	-
IEC61850-3	-	-	-	-	-
EN50121-4	-	-	-	-	-
UL/cUL 60950-1	-	√	√	-	-

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Ethernet Switches

Media Converters

Ethernet Extenders

Serial Device Servers

Accessories