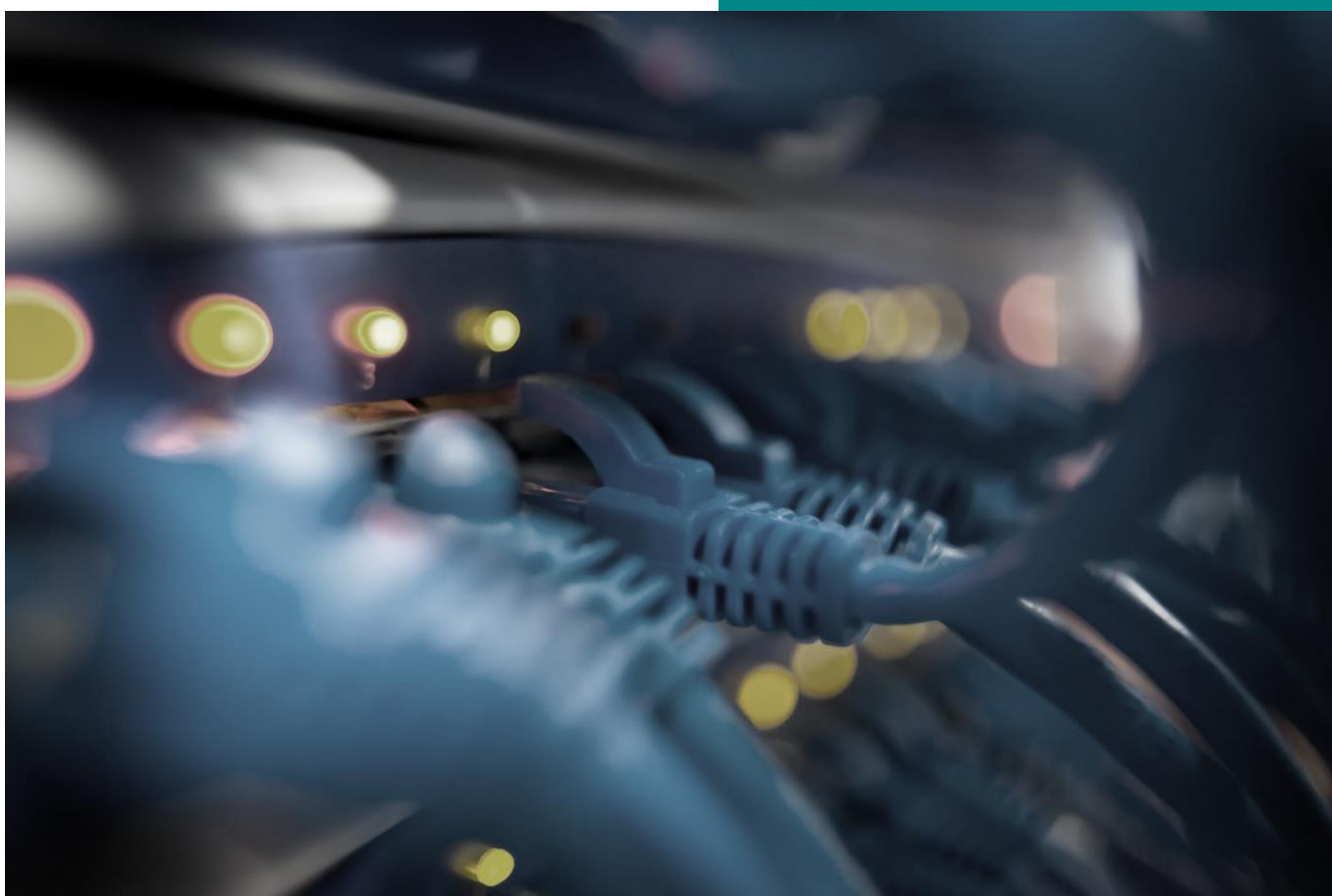


Moxa Unmanaged Switches Selection Guide



MOXA®
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Entry Level Unmanaged Switches



	EDS-205 A		EDS-208 A			EDS-205	EDS-208		EDS- 2005	EDS-2008	
Gigabit Ethernet ports	-		-			-	-		-	-	
Fast Ethernet ports	5	4	8	7	6	5	8	7	5	8	7
Fiber ports	0	1	0	1	2	0	0	1	-	0	1
SFP/ Combo Gigabit modules	-	-	-	-	-	-	-	-	-	-	-
Dimensions W x H x D (mm)	30 x 115 x 70		50 x 114 x 70			24.9 x 100 x 86.5	40 x 100 x 86.5		19 x 81 x 65 (-ELP Model) 18 x 81 x 65 (-EL Model)	36 x 81 x 65 36 x 81 x 70.9 (-EL-M-ST) 36 x 81 x 68.9 (-EL-M-SC)	
Weight (g)	175		275			135	170		56 (-ELP) / 105(- EL)	90 (-ELP) / 163 (-EL)	
Quality of Service	-					-			Activated via DIP switch		
Broadcast Storm Protection	Activated via DIP switch					Always Active			Activated via DIP switch		
Housing	Metal					Plastic			Plastic (-ELP Model) / Metal (-EL Model)		
Ingress Protection	IP30					IP30			IP40		
Operating Temperature	-10°C to 60°C / -40°C to 75 °C (-T Model)					-10°C to 60°C			-10°C to 60°C / -40°C to 75 °C (-T Model)		
Operating voltage	9.6 to 60 VDC (Redundant dual inputs)					12 to 48 VDC			9.6 to 60 VDC		
Packet Buffer Size	384 Kbits		768 Kbits			512 Kbits		768 Kbits	768 Kbits		
MAC Table Size	1K		2K			1K		2K	2K		
Port break alarm	-		-			-		-	-		
MTBF (Years)	≈340*		≈300*			≈450*		≈40 to 45*	≈540*		≈400*
Warranty	5 years										
Certifications											
CE/FCC	✓		✓			✓		✓	✓	✓	
UL 60950-1	-		-			-		-	-	-	
UL 508	✓		✓			✓		✓	-	-	
UL 61010-2-201	-		-			-		-	✓	✓	
EN 60950-1	✓		-			✓		✓	-	-	
UL/cUL Class 1 Div. 2	✓		✓			-		-	-	-	
ATEX Zone 2	✓		✓			-		-	-	-	
DNV/GL	✓		✓			-		-	-	-	
ABS/LR/NK	✓		✓			-		-	-	-	
NEMA TS2	✓		✓			-		-	-	-	
EN 50121-4	✓		✓			-		-	-	-	
EC 61850-3	-		-			-		-	-	-	

*Standard: Telcordia(Bellcore),GB

Advanced Level Unmanaged Switches



	EDS-305		EDS-308		EDS-309	EDS-316			EDS-2010 ML	EDS-2016 ML	EDS-2018 ML
Gigabit Ethernet ports	-		-		-	-			-	-	
Fast Ethernet ports	5	4	7	6	6	16	15	14	8	14	16
Fiber ports	0	1	1	2	3	0	1	2	-	2	-
SFP/ Combo Gigabit modules	-		-		-	-			2	-	2
Dimensions W x H x D (mm)	53.6 x 135 x 105					80.1 x 135 x 105			36 x 135 x 95	36 x 135 x 95 58 x 135 x 95 (-ML-MM-SC)	58 x 135 x 95
Weight (g)	790					1140			498	486 / 648 (Fiber Models)	683
Quality of Service	-					-			Activated via DIP switch		
Broadcast Storm Protection	-					-			Activated via DIP switch		
Housing	Metal										
Ingress Protection	IP30										
Operating Temperature	0°C to 60°C / -40°C to 75 °C (-T Model)		-10°C to 60°C / -40°C to 75 °C (-T Model)								
Operating voltage	12 to 48VDC (Redundant dual inputs)		9.6 to 60 VDC (Redundant dual inputs)								
Packet Buffer Size	384 Kbits		768 Kbits		512 Kbits	1.25 Mbits			4 Mbits	2 Mbits	4 Mbits
MAC Table Size	1K		2K		1K	4K			8K		
Port break alarm	✓										
MTBF (Years)	≈48**		≈29**		≈45**	≈29**			≈248*	≈236*	≈203*
Warranty	5 years										
Certifications											
CE/FCC	✓		✓		✓	✓			✓	✓	✓
UL 60950-1	✓		✓		✓	✓			-	-	-
UL 508	✓		✓		✓	✓			-	-	-
UL 61010-2-201	-		-		-	-			✓	✓	✓
EN 60950-1	-		✓		✓	✓			-	-	-
UL/cUL Class 1 Div. 2	✓		✓		✓	✓			✓	✓	✓
ATEX Zone 2	✓		✓		✓	✓			✓	✓	✓
DNV/GL	✓		✓		✓	✓			✓	✓	✓
ABS/LR/NK	-		-		-	-			✓	✓	✓
NEMA TS2	-		-		-	-			✓	✓	✓
EN 50121-4	-		-		-	-			✓	✓	✓
EC 61850-3	-		-		-	-			-	-	-

* Standard: Telcordia(Bellcore),GB

**Standard: MIL-HDBK-217F

Full Gigabit Unmanaged Switches



	EDS-G205	EDS-G308		EDS-G2005	EDS-G2008
Gigabit Ethernet ports	4	8	6	5	8
Fast Ethernet ports	-	-	-	-	
Fiber ports	-	-	-	-	
SFP/ Combo Gigabit modules	1	-	2	-	
Dimensions W x H x D (mm)	29 x 135 x 105	52.85 x 135 x 105		19 x 81 x 65 (-ELP Model) 18 x 81 x 65 (-EL Model)	36 x 81 x 65
Weight (g)	290	880		90 (-ELP) / 120 (-EL)	140 (-ELP) / 180 (-EL)
Quality of Service	-	-		Activated via DIP switch	
Broadcast Storm Protection	Always Active	Activated via DIP switch		Activated via DIP switch	
Housing	Metal	Metal		Plastic (-ELP Model) / Metal (-EL Model)	
Ingress Protection	IP30	IP30		IP40	
Operating Temperature	-10°C to 60°C / -40°C to 75 °C (-T Model)				
Operating voltage	9.6 to 60 VDC (Redundant dual inputs)			9.6 to 60 VDC	
Packet Buffer Size	1 Mbits	4 Mbits		1.5 Mbits	
MAC Table Size	8K			4K	
Port break alarm	-	✓		-	
MTBF (Years)	≈322*	≈258*		≈389*	
Warranty	5 years				
Certifications					
CE/FCC	✓	✓		✓	
UL 60950-1	-	-		-	
UL 508	✓	✓		-	
UL 61010-2-201	-	-		✓	
EN 60950-1	✓	-		-	
UL/cUL Class 1 Div. 2	✓	✓		-	
ATEX Zone 2	✓	✓		-	
DNV/GL	-	-		-	
ABS/LR/NK	-	-		-	
NEMA TS2	-	-		-	
EN 50121-4	✓	✓		-	
EC 61850-3	-	-		-	

* Standard: Telcordia(Bellcore),GB

PoE Unmanaged Switches



	EDS-G205A-4PoE		EDS-P206A		
PoE Gigabit Ethernet ports	4	4	-	-	-
PoE Fast Ethernet ports	-	-	4	4	4
Gigabit Ethernet ports	1	-	-	-	-
Fast Ethernet ports	-	-	2	-	1
SFP Gigabit modules	-	1	-	-	-
Fiber ports	-	-	-	2	1
Dimensions W x H x D (mm)	29 x 135 x 105		50.3 x 114 x 70		
Weight (g)	300		375		
Quality of Service	-		-		
Broadcast Storm Protection	-		-		
Housing	Metal				
Ingress Protection	IP30				
Operating Temperature	-10°C to 60°C / -40°C to 75 °C (-T Model)				
Operating voltage	12 to 57 VDC (Redundant dual inputs)				
Packet Buffer Size	1 Mbits		768 Kbits		
MAC Table Size	8K		2K		
Port break alarm	-		-		
MTBF (Years)	≈143.6*		≈159.7*		
Warranty	5 years				
Certifications					
CE/FCC	✓		✓		
UL 60950-1	-		-		
UL 508	✓		✓		
UL 61010-2-201	-		-		
EN 60950-1	✓		-		
UL/cUL Class 1 Div. 2	-		-		
ATEX Zone 2	-		-		
DNV/GL	-		-		
ABS/LR/NK	-		-		
NEMA TS2	-		-		
EN 50121-4	✓		-		
EC 61850-3	-		-		

* Standard: Telcordia(Bellcore),GB

EN50155 Unmanaged Ethernet Switches



	TN5305	TN5308		
Fast Ethernet ports	5 (M12)	8 (M12)	-	4 (M12)
Gigabit Ethernet ports	-	-	-	-
PoE Fast Ethernet ports	-	-	8 (M12)	4 (M12)
Dimensions W x H x D (mm)	60 x 125 x 29.6	60 x 216.6 x 36.1 (-LV Series) 60 x 216.6 x 58.0(-MV Series)	60 x 216.6 x 48.7(-4PoE Series) 60 x 216.6 x 52.9 (-8PoE Series)	
Weight (g)	270	485 to 970 depending on the model	485 to 970 depending on the model	
Quality of Service	-	-	-	
Broadcast Storm Protection	-	-	-	
Housing	Plastic top cover, metal bottom plate	Metal		
Ingress Protection	IP67	IP40		
Operating Temperature	-25 to 60°C/ -40°C to 75 °C (-T Model)	-25 to 60°C/ -40°C to 75 °C (-T Model)	-25 to 60°C/ -40°C to 75 °C (-T Model)	
Operating voltage	18 to 30 VAC 12 to 45 VDC	12 to 48 VDC (-LV Series) 72 to 110 VDC (-MV Series)	48 VDC	
Packet Buffer Size	-	-	-	
MAC Table Size	-	-	-	
Port break alarm	-	-	-	
MTBF (Years)	≈394*	≈ 320* (-LV Series) ≈292* (-MV Series)	≈236* (-4PoE Series) ≈ 185* (-8PoE Series)	
Warranty	5 Years			
Certifications				
CE/FCC	✓	✓		
UL508	✓	✓		
Railway Application: EN 50155 EN 50121-4	✓	✓		

* Standard: Telcordia SR332