

PoE Product Selection Guide

MOXA[®]



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Din-Rail PoE Switches

Category	Product Appearance	Model	Total Ports	PoE Port		FE (10/100) Port		GbE (10/100/1000) Port			2.5GbE Port	PoE Features						Certifications							
				FE RJ45	GbE RJ45	RJ45	Fiber (SC/ST)	RJ45	Fiber (SFP)	Combo Port (RJ45/ SFP Use One)	Fiber (SFP)	PoE Std.	PoE Output Per Port	Max. Total Power Budget	PoE Voltage Boot (12/24/48 VDC)	Smart PoE Factures	MXview One Support	IEC 62443-4-2	NEMA TS2	EN 50121-4	IEC 61850	CID2	ATEX	IECEX	DNV-GL, ABS, LR, NK
Unmanaged PoE Switches		EDS-G205A-4PoE (-T)	5	4	-	-	-	1	-	-	-	PoE+	36W	144W	V	PoE Status LED	-	-	-	V	-	-	-	-	-
		EDS-G205A-4PoE-1GSFP (-T)			-	-	-	-	1	-	-														
		EDS-P206A-4PoE (-T)	6	4	-	2	-	-	-	-	-	PoE+	30W	120W	V	PoE Status LED	-	-	-	-	-	-	-	-	-
		EDS-P206A-4PoE-M-ST (-T)			-	-	1	-	-	-	-														
		EDS-P206A-4PoE-M-SC (-T)			-	-	1	-	-	-	-														
		EDS-P206A-4PoE-S-SC (-T)			-	-	1	-	-	-	-														
		EDS-P206A-4PoE-MM-SC (-T)			-	-	2	-	-	-	-														
		EDS-P206A-4PoE-MM-ST (-T)			-	-	2	-	-	-	-														
		EDS-P206A-4PoE-SS-SC (-T)			-	-	2	-	-	-	-														
Smart PoE Switches		SDS-3006-4PoE-2GTXSFP (-T)	6	4	-	-	-	-	-	2	-	PoE+	36W	120W	V	V	V	-	-	-	-	-	-	-	-
		SDS-G3006-4PoE-2GTXSFP (-T)		-	4	-	-	-	-	2	-				-										
		SDS-3010-8PoE-2GTXSFP (-T)	10	4	-	-	-	-	-	2	-				-										
		SDS-G3010-8PoE-2GTXSFP (-T)		-	4	-	-	-	-	2	-				-										
Managed PoE Switches		EDS-P506E-4PoE-2GTXSFP (-T)	6	4	-	-	-	-	-	2	-	PoE+	60W	180W	V	V	V	-	V	V	V	-	-	-	-
		EDS-P510A-8PoE-2GTXSFP -T)	10	8	-	-	-	-	-	2	-	PoE+	36W	240W	-	V	V	-	V	-	-	-	-	-	
		EDS-G512E-8PoE-4GSFP (-T)	12	-	8	-	-	-	4	-	-	PoE+	36W	240W	-	V	V	-	V	V	V	-	-	-	-
		EDS-4008-4P-2GT-2GS-LVA (-T)	8	4	-	-	-	2	2	-	-	PoE++	90W	240W	-	V	V	V	V	V	V	V	-		
		EDS-4008-4P-2GT-2GS-LVB (-T)			-	-	-	2	2	-	-			180W	V										
		EDS-4012-8P-4GS-LVA (-T)	12	8	-	-	-	-	4	-	-			240W	-										
		EDS-4012-8P-4GS-LVB (-T)			-	-	-	-	4	-	-			180W	V										
	EDS-G4012-8P-4QGS-LVA (-T)	-		8	-	-	-	-	-	4	240W			-											
	EDS-G4012-8P-4QGS-LVB (-T)	-			-	-	-	-	-	4	180W			V											

(-T): Wide range operating temperature model available

Click [here](#) to learn more about Moxa PoE solutions.

Modular PoE Switches

Category	Product Appearance	Model	Total Ports	No. of Supported Modules	Supported Module Series	PoE Port		FE (10/100) Port		GbE (10/100/1000) Port			10G Port	PoE Features						Certifications							
						FE RJ45	GbE RJ45	RJ45	Fiber (SC/ ST/ SFP)	RJ45	Fiber (SC/ ST/ SFP)	Combo Port (RJ45/ SFP Use One)	SFP	PoE Std.	Max. Total Power Budget	PoE Output Per Port	PoE Voltage Boot (12/24/48 VDC)	Smart PoE Features	MXview One Support	IEC 62443-4-2	NEMA TS2	EN 50121-4	IEC 61850	CID2	ATEX	IECEX	DNV-GL, ABS, LR, NK
Modular Switches		MDS-G4012 (-T)	12	2	LM-7000H	Max. 8		Modular design with various compatible modules. Contact Moxa sales representatives for assistance.						PoE+	720W	36W				-	V	V	MDS-G4012/20/28 MDS-G4012/20/28-L3 Only			-	
		MDS-G4012-L3 (-T)																									
		MDS-G4012-4XGS-T																									20
	MDS-G4020 (-T)																										
	MDS-G4020-L3 (-T)																										
		MDS-G4020-4XGS-T	28	6		Max. 24																					
		MDS-G4028 (-T)																									
		MDS-G4028-L3 (-T)																									
		MDS-G4028-4XGS-T	28	2	IM-6700A	Max. 16																					
		IKS-6728A-8PoE-4GTXSFP-48-T																									
		IKS-6728A-8PoE-4GTXSFP-48-48-T																									
		IKS-6728A-8PoE-4GTXSFP-HV-T	28	6	LM-7000H	Max. 24																					
		IKS-6728A-8PoE-4GTXSFP-HV-HV-T																									
		PT-G7728																									
		PT-G7828	28	3	RM-G4000	Max. 24																					
		RKS-G4028-L3-PoE-4GS-LV-T																									
		RKS-G4028-PoE-4GS-2LV-T																									
	RKS-G4028-PoE-4GS-LV-T																										
	RKS-G4028-L3-PoE-4GS-HV-T																										
	RKS-G4028-L3-PoE-4GS-2LV-T																										
	RKS-G4028-L3-PoE-4GS-2HV-T																										
	RKS-G4028-PoE-4GS-HV-T																										
	RKS-G4028-PoE-4GS-2HV-T																										
		ICS-G7748A-HV-HV	48	12	IM-G7000A	Max. 48																					
		ICS-G7848A-HV-HV																									
		ICS-G7750A-HV-HV	50																								
		ICS-G7850A-HV-HV																									
ICS-G7752A-HV-HV		52																									
	ICS-G7852A-HV-HV																										

(-T): Wide range operating temperature model available

PoE Modules

Category	Product Appearance	Model	PoE Port	
			FE RJ45	GbE RJ45
PoE Modules		IM-6700A-8PoE	8	-
		IM-G7000A-4PoE	4	-
		LM-7000H-4PoE	4	-
		LM-7000H-4GPoE	-	4
		RM-G4000-8PoE	8	-
		RM-G4000-8GPoE	-	8

EN 50155 PoE Switches

Category	Product Appearance	Model	Total Ports	PoE Port		FE (10/100) Port	GbE (10/100/1000) Port			PoE Features						Certifications			Coating	
				FE M12 D-Coded 4-Pin	GbE M12 X-Coded 8-Pin	FE M12 D-Coded 4-Pin	GbE M12 X-Coded 8-Pin	GbE M12 X-Coded 8-Pin with Bypass Relay	Fiber (Q-ODC)	PoE Std.	PoE Output Per Port	Max. Tootal Power Budget	PoE Voltage Boot (24/36/48/72/96/110 VDC)	Smart PoE Features	MXview One Support	EN 50155	EN 45545-2	EN 50121-4	Conformal Coating	
Unmanaged PoE Switches		TN-5308A-8PoE-WV-T	8	8	-	-	-	-	-	PoE+	30W	50.2W	V	PoE Status LED		V	V	V	-	
		TN-5308A-8PoE-WV-CT-T			-	-	-	-	V											
Managed PoE Switches		TN-4516A-12PoE-4GPoE-WV-T	16	12	4	-	-	-	-	PoE+	36W	120W	V	V	V	V	V	V	-	
		TN-4516A-12PoE-4GPoE-WV-CT-T				-	-	-	-										V	
		TN-4516A-12PoE-2GPoE-2GTXBP-WV-T			2	-	-	2	-										-	-
		TN-4516A-12PoE-2GPoE-2GTXBP-WV-CT-T				-	-		-										V	
		TN-4516A-12PoE-2GPoE-2GODC-WV-T				-	-	-	-										V	
		TN-4516A-12PoE-2GPoE-2GODC-WV-CT-T				-	-	-	-										V	
		TN-4520A-16PoE-4GPoE-WV-T	20	16	4	-	-	-	-										-	
		TN-4520A-16PoE-4GPoE-WV-CT-T				-	-	-	-										V	
		TN-4524A-16PoE-WV-T	24	16	-	8	-	-	-										-	
		TN-4524A-16PoE-WV-CT-T			-		-	-	-										V	
		TN-4528A-16PoE-4GPoE-WV-T	28	16	4	8	-	-	-										-	
		TN-4528A-16PoE-4GPoE-WV-CT-T					-	-	-										-	V
		TN-4528A-16PoE-2GPoE-2GTXBP-WV-T			2		-	2	-										-	
		TN-4528A-16PoE-2GPoE-2GTXBP-WV-CT-T					-		-										-	V
		TN-4528A-16PoE-2GPoE-2GODC-WV-T					-	-	2										-	-
		TN-4528A-16PoE-2GPoE-2GODC-WV-CT-T					-	-											-	V
		TN-4512B-8P-4G-CT-T	12	8	-	-	4	-	-	PoE+	30W	80W	V	V	V	V	V	V	V	
		TN-4516B-8P-4G-4GP-CT-T	16	8	-	-		-	-			V								
		TN-4520B-12P-4G-4GP-CT-T	20	12	4	-		-	-			V								
		TN-4528B-20P-4G-4GP-CT-T	28	20	-	-		-	-			V								
		TN-5508A-8PoE-WV-T	8	8	-	-	-	-	-	PoE+	36W	120W	V	V	V	V	V	V	-	
		TN-5508A-8PoE-WV-CT-T			-	-	-	-	-										V	
		TN-5510A-8PoE-2GTX-WV-T	10	8	-	-	2	-	-										-	
		TN-5510A-8PoE-2GTX-WV-CT-T			-	-		-	-										V	
		TN-5510A-8PoE-2GTXBP-WV-T			-	-	-	2	-										-	
		TN-5510A-8PoE-2GTXBP-WV-CT-T			-	-	-		-										V	
		TN-5510A-8PoE-2GLSX-ODC-WV-T			-	-	-	-	2										-	
		TN-5510A-8PoE-2GLSX-ODC-WV-CT-T			-	-	-	-											V	
		TN-5516A-8PoE-WV-T	16	8	-	8	-	-	-										-	
		TN-5516A-8PoE-WV-CT-T			-		-	-	-										V	
		TN-5518A-8PoE-2GTX-WV-T	18	8	-	-	2	-	-										-	
		TN-5518A-8PoE-2GTX-WV-CT-T			-	-		-	-										V	
		TN-5518A-8PoE-2GTXBP-WV-T			-	-	-	2	-										-	
		TN-5518A-8PoE-2GTXBP-WV-CT-T			-	-	-		-										V	
		TN-G6512-8GPoE-WV-T	12	-	8	-	4	-	-	PoE+	36W	96W	V	V	V	V	V	V	-	
		TN-G6512-8GPoE-WV-CT-T				-		-	-										V	

PoE Accessories

Category	Product Appearance	Model	Total Ports	PoE Port		FE (10/100) Port		GbE (10/100/1000) Port			PoE Features					Certifications							
				FE RJ45	GbE RJ45	RJ45	Fiber (SC/ST)	RJ45	Fiber (SC/ST)	Combo Port (RJ45/ SFP Use One)	PoE Std.	Max. Totoal Power Budget	PoE Output Per Port	PoE Voltage Boot (24/48 VDC)	Smart PoE Features	IEC 62443-4-2	NEMA TS2	EN 50121-4	IEC 61850	CID2	ATEX	IECEX	DNV-GL, ABS, LR, NK
PoE Injectors		INJ-24 (-T)	2	-	1	-	-	1	-	-	PoE	30W	30W	V	-	-	-	-	-	-	-	-	-
		INJ-24A (-T)	2	-	1	-	-	1	-	-	PoE+	60W	60W	V	-	-	-	-	-	-	-	-	-
PoE Splitters		SPL-24 (-T)	2	1	-	1	-	-	-	-	PoE	-	-	-	-	-	-	-	-	-	-	-	V
PoE Ethernet-to-fiber Media Converters		IMC-P101-M-ST (-T)	2	1	-	-	1	-	-	-	PoE	30W	15.4W	-	-	-	-	-	-	-	-	-	-
		IMC-P101-M-SC (-T)														-	-	-	-	-	-	-	
		IMC-P101-S-ST (-T)														-	-	-	-	-	-	-	
		IMC-P101-S-SC (-T)														-	-	-	-	-	-	-	
		IMC-P21A-G2-M-ST	2	1	-	-	1	-	-	-	PoE+	36W	36W	-	-	-	-	-	-	-	-	-	-
		IMC-P21A-G2-M-SC														-	-	-	-	-	-	-	
		IMC-P21A-G2-S-SC														-	-	-	-	-	-	-	
		IMC-P21GA-G2	2	-	1	-	-	-	1	-	PoE+	36W	36W	-	-	-	-	-	-	-	-	-	-
		IMC-P21GA-G2-SX-SC														-	-	-	-	-	-	-	
		IMC-P21GA-G2-LX-SC														-	-	-	-	-	-	-	

(-T): Wide range operating temperature model available

