

Industrial Ethernet Solutions

Unmanaged Ethernet Switches



Model Name		EKI-2525LI-AE	EKI-2525NI/ EKI-2528NI	EKI-2725/I	EKI-2728NI	EKI-2728/I	EKI-2728S/2728SI	EKI-2728M/MI
Description		5 x Fast Ethernet ports Slim Type Unmanaged Switch	5/8-port Unmanaged Industrial Ethernet Switch	5-port Gigabit Unmanaged Industrial Ethernet Switch	8-port Gigabit Unmanaged Industrial Ethernet Switch	8-port Gigabit Unmanaged Industrial Ethernet Switch	6GE+2G Single-Mode Fiber Port Unmanaged Ethernet Switch	6G+2G Multi-Mode Unmanaged Ethernet Switch
Interface	Number of Ports	5	5 or 8	5	8	8	8	8
	10/100Base-T (X)	5	5 or 8	-	-	-	-	-
	100BaseFX	-	-	-	-	-	-	-
	10/100/1000Base-T (X)	-	5 or 8	5	8	8	6	6
Power	1000Base-SX/LX/LHX/ XD/ZX/EZX	-	-	-	-	-	2 x SC Single Mode	2
	12 ~ 48 V DC	✓	✓	✓	✓	✓	✓	✓
Mechanism	Relay Output	-	-	✓	✓	✓	✓	✓
	DIN-rail Mount	✓	✓	✓	✓	✓	✓	✓
	Wall Mount	✓	✓	✓	✓	✓	✓	✓
Protection	IP Level	40	IP30	IP30	IP30	IP30	IP30	IP30
	ESD (Ethernet)	✓	✓	✓	✓	✓	✓	✓
	Surge (EFT for power)	✓	✓	✓	✓	✓	✓	✓
Operating Temperature	Power Reverse	✓	✓	✓	✓	✓	✓	✓
	-10 ~ 60°C (14 ~ 140°F)	-	-	EKI-2725	-	EKI-2728	EKI-2728S	EKI-2728M
Certifications	-40 ~ 75°C (-40 ~ 167°F)	✓	✓	EKI-2725I	✓	EKI-2728I	EKI-2728SI	EKI-2728MI
	CE	✓	✓	✓	✓	✓	✓	✓
	FCC	✓	✓	✓	✓	✓	✓	✓
	UL/cUL 60950-1	✓	✓	✓	✓	✓	✓	-
	Class 1, Division 2	-	-	-	-	-	-	✓
UL 508	-	-	-	-	-	-	✓	
Support PROFINET Conformance-Class A		-	✓	-	✓	-	-	-

✓ : supported, - : not supported, △ : optional

Unmanaged Ethernet Switches



Model Name		EKI-2526M/S	EKI-2525MI/SI-ST	EKI-2525MI/SI	EKI-5726NI	EKI-5726FI	EKI-5729FI	EKI-2428G-4CA/I
Description		4+1 100FX Port Multi-mode/ Single-mode Industrial Ethernet Switch	4+1 100FX Port Multi-mode/ Single-mode ST connector type Unmanaged Industrial Ethernet Switch	4+1 100FX Port Multi-mode/ Single-mode Unmanaged Industrial Ethernet Switch	16-port Gigabit Ethernet Switch	16-port+2 SFP Gigabit Ethernet Switch	8-Port+2 SFP Gigabit Ethernet Switch	24GFE+4SFP Giga ports Unmanaged Switch w/ AC Input
Interface	Number of Ports	6	5	5	16	16	8	28
	10/100Base-T (X)	4	4	4	-	-	-	-
	100BaseFX	2	1	1	✓	✓	✓	-
	10/100/1000Base-T (X)	-	-	-	16	16	8	24 + 4 (combo)
	1000Base-SX/LX/LHX/ XD/ZX/EZX	-	-	-	✓	✓	✓	4 (combo)
Console	-	-	-	✓	✓	✓	-	
Network Management	Redundancy	-	-	-	-	-	-	-
	Configuration	-	-	-	✓	✓	✓	-
	SNMP	-	-	-	✓	✓	✓	-
Power	12 ~ 48 V DC	✓	✓	✓	✓	✓	✓	-
	100 ~ 240 V AC	-	-	-	-	-	-	✓
	Relay Output	✓	✓	✓	✓	✓	✓	-
Mechanism	DIN-rail Mount	✓	✓	✓	✓	✓	✓	-
	Wall Mount	✓	✓	✓	✓	✓	✓	-
	Rack Mount	-	-	-	-	-	-	✓
Protection	IP Level	IP30	IP30	IP30	IP30	IP30	IP30	IP30
	ESD (Ethernet)	✓	✓	✓	✓	✓	✓	✓
	Surge (EFT for power)	✓	✓	✓	✓	✓	✓	✓
Operating Temperature	Power Reverse	✓	✓	✓	✓	✓	✓	-
	-10 ~ 60°C (14 ~ 140°F)	✓	-	-	-	-	-	-10~55°C (EKI-2428G-4CA) (14 - 131°F)
	-40 ~ 75°C (-40 ~ 167°F)	-	✓	✓	✓	✓	✓	-20~75°C (EKI-2428G-4CAI) (-13 - 167°F)
Certifications	CE	✓	✓	✓	✓	✓	✓	✓
	FCC	✓	✓	✓	✓	✓	✓	✓
	UL/cUL 60950-1	✓	✓	✓	-	-	-	-
	Class 1, Division 2	-	-	-	✓	✓	✓	-
	UL 508	-	-	-	✓	✓	✓	-
Others	-	-	-	-	-	-	-	LVD 62368-1
Support PROFINET Conformance-Class A		-	-	-	✓	-	-	-

✓ : supported, - : not supported, △ : optional

Industrial Ethernet Solutions

Unmanaged Ethernet Switch with VLAN Function



Model Name		EKI-2718E-2CI	EKI-2710E-2CI	EKI-2716EI	EKI-2716GI
Description		16FE + 2GE Combo Ethernet Switch	8FE + 2GE Combo Ethernet Switch	16-port Gigabit Ethernet Switch	16-port Gigabit Ethernet Switch
Interface	Number of Ports	18	10	16	16
	10/100Base-T (X)	16	8	-	-
	100BaseFX	-	-	-	-
	10/100/1000Base-T (X)	2 (combo)	2 (combo)	16	16
	1000Base-SX/LX/LHX/XD/ZX/EZX	2 (combo)	2 (combo)	-	-
DIP switch	QoS	✓	✓	✓	✓
	BSP	✓	✓	✓	✓
	Port-based VLAN	✓	✓	✓	✓
Power	12 ~ 48 V DC	✓	✓	✓	✓
	Relay Output	✓	✓	✓	✓
Mechanism	DIN-rail Mount	✓	✓	✓	✓
	Wall Mount	✓	✓	✓	✓
	IP Level	IP30	IP30	IP30	IP30
Protection	ESD (Ethernet)	✓	✓	✓	✓
	Surge (EFT for power)	✓	✓	✓	✓
	Power Reverse	✓	✓	✓	✓
Operating Temperature	-40 ~ 75°C (-40 ~ 167°F)	✓	✓	✓	✓
Certifications	CE	✓	✓	✓	✓
	FCC	✓	✓	✓	✓
	UL62368	✓	✓	✓	✓

✓ : supported, - : not supported, △ : optional

Entry-Level Managed Switches



Model Name		EKI-5526I-MB EKI-5526I-PN EKI-5526I-EI	EKI-5528I-MB EKI-5528I-PN EKI-5528I-EI	EKI-5626CI-MB EKI-5626CI-PN EKI-5626CI-EI	EKI-5629CI-MB EKI-5629CI-PN EKI-5629CI-EI	EKI-5726I-MB	EKI-5728I-MB	EKI-5729I-MB
Description		16FE Entry-level Managed Switch	8FE Entry-level Managed Switch	16FE+2GE Combo Ports Entry-level Managed Switch	8FE+2GE Combo Ports Entry-level Managed Switch	16GE Entry-level Managed Switch	8GE Entry-level Managed Switch	8GE + 2 SFP Entry-level Managed Switch
Interface	Number of Ports	16	8	16+2	8+2	16	8	8+2
	10/100Base-T (X)	16	8	16	8	-	-	-
	100BaseFX	-	-	-	-	-	-	-
	10/100/1000Base-T (X)	-	-	2/2 (combo)	2/2 (combo)	16	8	8
	1000Base-SX/LX/LHX/XD/ZX/EZX	-	-	2/2 (combo)	2/2 (combo)	-	-	2
	PoE (10/100 Mbps)	-	-	-	-	-	-	-
	PoE (10/100/1000 Mbps)	-	-	-	-	-	-	-
	DI/DO	-	-	-	-	-	-	-
Console	-	-	-	-	-	-	-	
Network Management	Redundancy	✓	✓	✓	✓	✓	✓	✓
	Diagnostics	✓	✓	✓	✓	✓	✓	✓
	VLAN	✓	✓	✓	✓	✓	✓	✓
	Configuration	✓	✓	✓	✓	✓	✓	✓
	SNMP	✓	✓	✓	✓	✓	✓	✓
	Security	✓	✓	✓	✓	✓	✓	✓
	Traffic Control	✓	✓	✓	✓	✓	✓	✓
Power	12 ~ 48 V DC	✓	✓	✓	✓	✓	✓	✓
	24 ~ 110 V DC	-	-	-	-	-	-	-
	100 ~ 240 V AC	-	-	-	-	-	-	-
	Relay Output	✓	✓	✓	✓	✓	✓	✓
Mechanism	DIN-rail Mount	✓	✓	✓	✓	✓	✓	✓
	Wall Mount	✓	✓	✓	✓	✓	✓	✓
	Rack Mount	-	-	-	-	-	-	-
	IP Level	IP30	IP30	IP30	IP30	IP30	IP30	IP30
Protection	ESD (Ethernet)	✓	✓	✓	✓	✓	✓	✓
	Surge (EFT for power)	✓	✓	✓	✓	✓	✓	✓
	Power Reverse	✓	✓	✓	✓	✓	✓	✓
Operating Temperature	-10 ~ 60°C (14 ~ 140°F)	-	-	-	-	-	-	-
	-40 ~ 75°C (-40 ~ 167°F)	✓	✓	✓	✓	✓	✓	✓
	-40 ~ 85°C (-40 ~ 185°F)	-	-	-	-	-	-	-
Certifications	CE	✓	✓	✓	✓	✓	✓	✓
	FCC	✓	✓	✓	✓	✓	✓	✓
	UL/cUL 60950-1	-	-	-	-	-	-	-
	Class 1, Division 2	✓	✓	✓	✓	✓	✓	✓
	UL 508	✓	✓	✓	✓	✓	✓	✓
	Others	-	-	-	-	-	-	-

✓ : supported, - : not supported, △ : optional

Industrial Ethernet Solutions

Managed Switches



Model Name	EKI-5708E-I	EKI-5708E-2FI	EKI-5710E-I	EKI-5710E-2FI	EKI-7706E-2F/I	EKI-7706G-2F/I	EKI-7708G-4FI	EKI-7708E-2MI/2SI	
Description	8FE Giga Managed	6FE+2SFP Giga Managed	10FE Giga Managed	8FE+2SFP Giga Managed	4FE+2SFP Giga Managed Redundant Industrial Switch	4GE+2SFP Giga Managed Redundant Industrial Switch	4GE+4SFP Giga Managed Redundant Industrial Switch	6FE+2x100M SC Fiber Managed Redundant Industrial Switch	
Interface	Number of Ports	8	8	10	10	6	6	8	
	10/100Base-T (X)	8	6	10	8	4	-	6	
	100BaseFX	-	-	-	-	-	-	2 (multi/single)	
	10/100/1000Base-T (X)	-	-	-	-	-	4	4	
	1000Base-SX/LX/LHX/XD/ZX/EZX	-	2	-	2	2	2	4	
	PoE (10/100 Mbps)	-	-	-	-	-	-	-	-
	PoE (10/100/1000 Mbps)	-	-	-	-	-	-	-	-
	HSR/PRP	-	-	-	-	-	-	-	-
Console	✓	✓	✓	✓	✓	✓	✓	✓	
Network Management	Redundancy	✓	✓	✓	✓	✓	✓	✓	
	Diagnostics	✓	✓	✓	✓	✓	✓	✓	
	VLAN	✓	✓	✓	✓	✓	✓	✓	
	Configuration	✓	✓	✓	✓	✓	✓	✓	
	SNMP	✓	✓	✓	✓	✓	✓	✓	
	Security	✓	✓	✓	✓	✓	✓	✓	
	Traffic Control	✓	✓	✓	✓	✓	✓	✓	
Power	12 ~ 48 V DC	✓	✓	✓	✓	✓	✓	✓	
	24 ~ 110 V DC	-	-	-	-	-	-	-	
	100 ~ 240 V AC	-	-	-	-	-	-	-	
	Relay Output	✓	✓	✓	✓	✓	✓	✓	
Mechanism	DIN-rail Mount	✓	✓	✓	✓	✓	✓	✓	
	Wall Mount	✓	✓	✓	✓	✓	✓	✓	
	Rack Mount	-	-	-	-	-	-	-	
	IP Level	IP30	IP30	IP30	IP30	IP30	IP30	IP30	
Protection	ESD (Ethernet)	✓	✓	✓	✓	✓	✓	✓	
	Surge (EFT for power)	✓	✓	✓	✓	✓	✓	✓	
	Power Reverse	✓	✓	✓	✓	✓	✓	✓	
Operating Temperature	-10 ~ 60°C (14 ~ 140°F)	-	-	-	-	EKI-7706E-2F	EKI-7706G-2F	-	
	-40 ~ 75°C (-40 ~ 167°F)	EKI-5708E-I	EKI-5708E-2FI	EKI-5710E-I	EKI-5710E-2FI	EKI-7706E-2FI	EKI-7706G-2FI	EKI-7708G-4FI	
	-40 ~ 85°C (-40 ~ 185°F)	-	-	-	-	-	-	-	
Certifications	CE	✓	✓	✓	✓	✓	✓	✓	
	FCC	✓	✓	✓	✓	✓	✓	✓	
	UL 62368	-	-	-	-	-	-	-	
	Class 1, Division 2	-	-	-	-	-	-	-	
	UL 61010	-	-	-	-	✓	✓	✓	
Others	LVD 62368-1	LVD 62368-1	LVD 62368-1	LVD 62368-1	EN50121-4 UL 61010 LVD 62368-1	EN50121-4 UL 61010 LVD 62368-1	NEMA TS2 EN50121-4 UL 61010 LVD 62368-1	LVD 62368-1	

✓ : supported, - : not supported, △ : optional

Managed Switches



Model Name		EKI-7428G-4X	EKI-7428G-4CA / EKI-7428G-4CI
Description		24GE+4SFP 10G Managed Switch w/ AC Input	24GE+4SFP Giga Managed Redundant Switch w/ AC Input
Interface	Number of Ports	28	28
	10/100Base-T (X)	-	-
	100BaseFX	-	-
	10/100/1000Base-T (X)	24	24 + 4 (combo)
	1000Base-SX/LX/LHW/ XD/ZX/EZX	4 x SFP+ (10G)	4 (combo)
	PoE (10/100 Mbps)	-	-
	PoE (10/100/1000 Mbps)	-	-
	HSR/PRP	-	-
Network Management	Console	✓	✓
	Redundancy	✓	✓
	Diagnostics	✓	✓
	VLAN	✓	✓
	Configuration	✓	✓
	SNMP	✓	✓
	Security	✓	✓
	Traffic Control	✓	✓
Power	12 ~ 48 V DC	-	EKI-7428G-4CI
	24 ~ 110 V DC	-	-
	100 ~ 240 V AC	✓	✓
	Relay Output	-	-
Mechanism	DIN-rail Mount	-	-
	Wall Mount	-	-
	Rack Mount	✓	✓
	IP Level	-	-
Protection	ESD (Ethernet)	✓	✓
	Surge (EFT for power)	✓	✓
	Power Reverse	✓	✓
Operating Temperature	-10 ~ 60°C (14 ~ 140°F)	0 ~ 60°C (32 - 140°F)	-10 ~ 55°C (14 - 131°F)
	-40 ~ 75°C (-40 ~ 167°F)	-	EKI-7428G-4CI
	-40 ~ 85°C (-40 ~ 185°F)	-	-
Certifications	CE	✓	✓
	FCC	✓	✓
	UL 62368	-	✓
	Class 1, Division 2	-	-
	UL 61010	-	-
Others	LVD 62368-1	LVD 62368-1	

✓ : supported, - : not supported, △ : optional

Industrial Ethernet Solutions

Managed Switches



Model Name		EKI-7710E-2C EKI-7710E-2CI	EKI-7710G-2C EKI-7710G-2CI	EKI-7712E-4F EKI-7712E-4FI	EKI-7712G-4F EKI-7712G-4FI	EKI-7716G-4F4CI	EKI-7720E-4F EKI-7720E-4FI	EKI-7720G-4F EKI-7720G-4FI
Description		8FE+2G Gigabit Managed Redundant Industrial Switch	8GE+2G Gigabit Managed Redundant Industrial Switch/with Wide Temperature	8FE+4SFP Gigabit Managed Redundant Industrial Switch/with Wide Temperature	8G+4G SFP Gigabit Managed Redundant Industrial Switch/with Wide Temperature	8GE+4SFP + 4G Combo Managed Redundant Industrial Switch	16FE+4G SFP Gigabit Managed Redundant Industrial Switch with Wide Temperature	16GE+4G SFP Gigabit Managed Redundant Industrial Switch/with Wide Temperature
Interface	Number of Ports	10	10	12	12	16	20	20
	10/100Base-T (X)	8	-	8	-	-	16	-
	100BaseFX	-	-	-	-	-	-	-
	10/100/1000Base-T (X)	2 (combo)	8 + 2 (combo)	-	8	8 + 4 (Combo)	-	16
	1000Base-SX/LX/LHX/XD/ZX/EZX	2 (combo)	2 (combo)	4	4	4 + 4 (Combo)	4	4
	PoE (10/100 Mbps)	-	-	-	-	-	-	-
	PoE (10/100/1000 Mbps)	-	-	-	-	-	-	-
Console	✓	✓	✓	✓	✓	✓	✓	
Network Management	Redundancy	✓	✓	✓	✓	✓	✓	✓
	Diagnostics	✓	✓	✓	✓	✓	✓	✓
	VLAN	✓	✓	✓	✓	✓	✓	✓
	Configuration	✓	✓	✓	✓	✓	✓	✓
	SNMP	✓	✓	✓	✓	✓	✓	✓
	Security	✓	✓	✓	✓	✓	✓	✓
	Traffic Control	✓	✓	✓	✓	✓	✓	✓
Power	12 ~ 48 V DC	✓	✓	✓	✓	✓	✓	✓
	24 ~ 110 V DC	-	-	-	-	-	-	-
	100 ~ 240 V AC	-	-	-	-	-	-	-
	Relay Output	✓	✓	✓	✓	✓	✓	✓
Mechanism	DIN-rail Mount	✓	✓	✓	✓	✓	✓	✓
	Wall Mount	✓	✓	✓	✓	✓	✓	✓
	Rack Mount	-	-	-	-	-	-	-
	IP Level	IP30	IP30	IP30	IP40	IP30	IP30	IP30
Protection	ESD (Ethernet)	✓	✓	✓	✓	✓	✓	✓
	Surge (EFT for power)	✓	✓	✓	✓	✓	✓	✓
	Power Reverse	✓	✓	✓	✓	✓	✓	✓
Operating Temperature	-10 ~ 60°C (14 ~ 140°F)	EKI-7710E-2C	EKI-7710G-2C	✓	EKI-7712G-4F	-	EKI-7720E-4F	EKI-7720G-4F
	-40 ~ 75°C (-40 ~ 167°F)	EKI-7710E-2CI	EKI-7710G-2CI	✓	EKI-7712G-4FI	EKI-7716G-4FI	EKI-7720E-4FI	EKI-7720G-4FI
	-40 ~ 85°C (-40 ~ 185°F)	-	-	-	-	-	-	-
Certifications	CE	✓	✓	✓	✓	✓	✓	✓
	FCC	✓	✓	✓	✓	✓	✓	✓
	UL 62368	✓	✓	-	-	-	-	-
	Class 1, Division 2	-	-	-	-	-	-	-
	UL 61010	-	-	✓	✓	✓	✓	✓
	Others	NEMA TS2 EN50121-4 LVD 62368-1	NEMA TS2 EN50121-4 LVD 62368-1	NEMA TS2 EN50121-4 LVD 62368-1	NEMA TS2 EN50121-4 LVD 62368-1	NEMA TS2 EN50121-4 LVD 62368-1	NEMA TS2 EN50121-4 UL 61010 LVD 62368-1	NEMA TS2 EN50121-4 LVD 62368-1

✓ : supported, - : not supported, △ : optional

Managed PoE Switches



Model Name		EKI-7708E-4FPI	EKI-7708G-4FPI	EKI-7710E-2CPI	EKI-7710G-2CPI	EKI-7712E-4FPI	EKI-7712G-4FPI	EKI-7712G-4FMPI	EKI-7720G-4FPI
Description		4FE+4SFP Managed Redundant Industrial PoE Switch	4GE+4SFP Managed Redundant Industrial PoE Switch	8FE+2SFP Managed Redundant Industrial PoE Switch	8GE+2SFP Managed Redundant Industrial PoE Switch	8FE + 4SFP Managed Redundant Industrial PoE Switch	8GE+4SFP Managed Redundant Industrial PoE Switch	8GE+4SFP Managed Redundant Industrial PoE Switch	16GE+2SFP Managed Redundant Industrial PoE Switch
Interface	Number of Ports	8	8	10	10	12	12	12	20
	10/100Base-T (X)	-	-	-	-	-	-	-	-
	100BaseFX	-	-	-	-	-	-	-	-
	10/100/1000Base-T (X)	-	-	2 (combo)	2 (combo)	-	-	-	-
	1000Base-SX/LX/LHX/ XD/ZX/EZX	4	4	2 (combo)	2 (combo)	4	4	4	4
	PoE (10/100 Mbps)	4	-	8	-	8	-	-	-
	PoE (10/100/1000 Mbps)	-	4	-	8	-	8	8	16
	DI/DO	-	-	-	-	-	-	-	-
Console	✓	✓	✓	✓	✓	✓	✓	✓	
Network Management	Redundancy	✓	✓	✓	✓	✓	✓	✓	✓
	Diagnostics	✓	✓	✓	✓	✓	✓	✓	✓
	VLAN	✓	✓	✓	✓	✓	✓	✓	✓
	Configuration	✓	✓	✓	✓	✓	✓	✓	✓
	SNMP	✓	✓	✓	✓	✓	✓	✓	✓
	Security	✓	✓	✓	✓	✓	✓	✓	✓
	Traffic Control	✓	✓	✓	✓	✓	✓	✓	✓
Power	12 ~ 48 V DC	48 V _{DC}	48 V _{DC}	✓	✓	48 V _{DC}	48 V _{DC}	53 ~ 57 V _{DC}	55 V _{DC}
	24 ~ 110 V DC	-	-	-	-	-	-	-	-
	100 ~ 240 V AC	-	-	-	-	-	-	-	-
	Relay Output	✓	✓	-	-	✓	✓	✓	✓
	Power Budget	120W	120W	120W	120W	240W	240W	370W support 802.3bt	420W
Mechanism	DIN-rail Mount	✓	✓	✓	✓	✓	✓	✓	✓
	Wall Mount	✓	✓	✓	✓	✓	✓	✓	✓
	Rack Mount	-	-	-	-	-	-	-	-
	IP Level	IP30	IP30	IP30	IP30	IP30	IP30	IP30	IP30
Protection	ESD (Ethernet)	✓	✓	✓	✓	✓	✓	✓	✓
	Surge (EFT for power)	✓	✓	✓	✓	✓	✓	✓	✓
	Power Reverse	✓	✓	✓	✓	✓	✓	✓	✓
Operating Temperature	-10 ~ 60°C (14 ~ 140°F)	-	-	-	-	-	-	-	-
	-40 ~ 75°C (-40 ~ 167°F)	✓	✓	✓	✓	✓	✓	✓	✓
	-40 ~ 85°C (-40 ~ 185°F)	-	-	-	-	-	-	-	-
Certifications	CE	✓	✓	✓	✓	✓	✓	✓	✓
	FCC	✓	✓	✓	✓	✓	✓	✓	✓
	UL/cUL 60950-1	-	-	-	-	-	-	-	-
	Class 1, Division 2	-	-	-	-	-	-	-	-
	UL 508	-	-	✓	✓	✓	✓	✓	-
Others	NEMA TS2 EN 50121-4 LVD 62368-1 UL 61010	NEMA TS2 EN 50121-4 LVD 62368-1 UL 61010	NEMA TS2 EN 50121-4 LVD 62368-1	NEMA TS2 EN 50121-4 LVD 62368-1	NEMA TS2 EN 50121-4 LVD 62368-1	NEMA TS2 EN 50121-4 LVD 62368-1	NEMA TS2 EN 50121-4 LVD 62368-1	UL 62368-1 NEMA TS2 EN50121-4	UL 62368-1 NEMA TS2 EN50121-4

✓ : supported, - : not supported, △ : optional

Industrial Ethernet Solutions

Unmanaged PoE Switches



Model Name		EKI-2705E-1GPI	EKI-2705G-1GPI	EKI-2706E-1GFPI	EKI-2706G-1GFPI
Description		4FE PoE + 1GE Unmanaged Industrial Switch	4GE PoE + 1GE Unmanaged Industrial Switch	4FE PoE + 1GE + 1G SFP Unmanaged Industrial Switch	4GE PoE + 1GE + 1G SFP Unmanaged Industrial Switch
Interface	Number of Ports	5	5	6	6
	10/100Base-T (X)	5	-	5	-
	10/100/1000Base-T (X)	-	5	-	5
	1000Base-SX/LX/LHX/XD/ZX/EZX	-	-	1	1
	PoE (10/100 Mbps)	4	-	4	-
	PoE (10/100/1000 Mbps)	-	4	-	4
Power	12~48VDC				
	48VDC				
	24 ~ 48 V DC	✓	✓	✓	✓
	24 ~ 110 V DC	-	-	-	-
	100 ~ 240 V AC	-	-	-	-
	Relay Output	-	-	-	-
PoE Power Budget		Max. 90W	Max. 90W	Max. 90W	Max. 90W
Mechanism	DIN-rail Mount	✓	✓	✓	✓
	Wall Mount	✓	✓	✓	✓
	IP Level	IP30	IP30	IP30	IP30
Protection	ESD (Ethernet)	✓	✓	✓	✓
	Surge (EFT for power)	✓	✓	✓	✓
	Power Reverse	✓	✓	✓	✓
Operating Temperature	-40 ~ 75°C (-40 ~ 167°F)	✓	✓	✓	✓
Certifications	CE	✓	✓	✓	✓
	FCC	✓	✓	✓	✓
	UL/cUL	62368	62368	62368	62368
	LVD EN62368	-	-	-	-
	E-Mark	✓	✓	✓	✓
	Others	-	-	-	-

✓ : supported, - : not supported, △ : optional

Unmanaged PoE Switches



Model Name		EKI-2706G-2GPI	EKI-2706G-2FPI	EKI-2708G-PI	EKI-2710G-2FPI	EKI-2712G-4FPI
Description		4GE PoE + 2GE Unmanaged Industrial Switch	4GE PoE + 2G SFP Unmanaged Industrial Switch	8 GE PoE Unmanaged Industrial Switch	8 GE PoE + 2G SFP Unmanaged Industrial Switch	8 GE PoE + 4G SFP Unmanaged Industrial Switch
Interface	Number of Ports	6	6	8	10	12
	10/100Base-T (X)					
	10/100/1000Base-T (X)	6	4	8	8	8
	1000Base-SX/LX/LHX/XD/ZX/EZX		2		2	4
	PoE (10/100 Mbps)					
	PoE (10/100/1000 Mbps)	4	4	8	8	8
Power	12~48VDC	✓	✓	✓	✓	
	48VDC					✓
	24 ~ 48 V DC					
	24 ~ 110 V DC					
	100 ~ 240 V AC					
	Relay Output	✓	✓	✓	✓	✓
PoE Power Budget		Max. 120W	Max. 120W	Max. 240W	Max. 240W	Max. 240W
Mechanism	DIN-rail Mount	✓	✓	✓	✓	✓
	Wall Mount	✓	✓	✓	✓	✓
	IP Level	IP30	IP30	IP30	IP30	IP30
Protection	ESD (Ethernet)	✓	✓	✓	✓	✓
	Surge (EFT for power)	✓	✓	✓	✓	✓
	Power Reverse	✓	✓	✓	✓	✓
Operating Temperature	-40 ~ 75°C (-40 ~ 167°F)	✓	✓	✓	✓	✓
Certifications	CE	✓	✓	✓	✓	✓
	FCC	✓	✓	✓	✓	✓
	UL/cUL					61010
	LVD EN62368	✓	✓	✓	✓	✓
	E-Mark	✓	✓	✓	✓	
	Others	NEMA TS-2 Compliant EN50121-4 Compliant	NEMA TS-2 Compliant EN50121-4 Compliant	NEMA TS-2 Compliant EN50121-4 Compliant	NEMA TS-2 Compliant EN50121-4 Compliant	NEMA TS-2

✓ : supported, - : not supported, △ : optional

Industrial Ethernet Solutions

L3 Managed Switches

IEC 61850-3 Managed Industrial Ethernet Switches



Model Name		EKI-9728G-4X8CI	EKI-9628G-4CI	EKI-9612G-4FI
Description		L3 28-port Managed Switch	L3 28-port Managed Switch	L3 12-port Managed Switch
Interface	Number of Ports	28	28	12
	10/100Base-T (X)	-	-	-
	100BaseFX	-	-	-
	10/100/1000Base-T (X)	16+8 (combo)	24+4 (combo)	8
	1000Base-SX/LX/LHX/XD/ZX/EZX	8 (combo) + 4 x SFP+ (10G)	4 (combo)	4 x SFP
	PoE (10/100 Mbps)	-	-	-
	PoE (10/100/1000 Mbps)	-	-	-
	HSR/PRP	-	-	-
Console	✓	✓	✓	
Network Management	Redundancy	✓	✓	✓
	Diagnostics	✓	✓	✓
	VLAN	✓	✓	✓
	Configuration	✓	✓	✓
	SNMP	✓	✓	✓
	Security	✓	✓	✓
	Traffic Control	✓	✓	✓
Power	12 ~ 48 V DC	-	✓	✓
	24 ~ 110 V DC	-	-	-
	100 ~ 240 V AC	90~264 V _{AC}	-	-
	Relay Output	-	✓	✓
Mechanism	DIN-rail Mount	-	-	✓
	Wall Mount	-	-	✓
	Rack Mount	✓	✓	-
	IP Level	IP30	IP30	IP30
Protection	ESD (Ethernet)	✓	✓	✓
	Surge (EFT for power)	✓	✓	✓
	Power Reverse	✓	✓	✓
Operating Temperature	-10 ~ 60°C (14 ~ 140°F)	-	-	-
	-40 ~ 75°C (-40 ~ 167°F)	-	✓	✓
	-40 ~ 85°C (-40 ~ 185°F)	✓	-	-
Certifications	CE	✓	✓	✓
	FCC	✓	✓	✓
	UL/cUL 60950-1	-	-	-
	Class 1, Division 2	-	-	-
	UL 61010	-	✓	✓
Others	-	LVD 62368-1	NEMA TS2 EN 50121-4 LVD 62368-1	

✓ : supported, - : not supported, △ : optional

Model Name		EKI-8528	EKI-7528-4XF24T/24F	EKI-9226G-20FOI EKI-9226G-20FMI
Description		L3 modular Managed Switch	24GE+4SFP 10G Managed Switch w/ AC Input	26-port Full Giga Managed Switch
Interface	Number of Ports	Up to 28	28	26
	10/100Base-T (X)	-	-	-
	100BaseFX	-	-	-
	10/100/1000Base-T (X)	3 x 8 port module slots + 4 x SFP+(10G)	24 (EKI-7528-4XF24T)	6
	1000Base-SX/LX/LHX/XD/ZX/EZX	3 x 8 port module slots + 4 x SFP+(10G)	24 (EKI-7528-4XF24F)+ 4 x SFP+ (10G)	20 x SFP
	PoE (10/100 Mbps)	-	-	-
	PoE (10/100/1000 Mbps)	-	-	-
	HSR/PRP	△	-	-
Console	✓	✓	✓	
Network Management	Redundancy	✓	✓	✓
	Diagnostics	✓	✓	✓
	VLAN	✓	✓	✓
	Configuration	✓	✓	✓
	SNMP	✓	✓	✓
	Security	✓	✓	✓
	Traffic Control	✓	✓	✓
Power	12 ~ 48 V DC	△ 24~48 VDC	-	EKI-9226G-20FMI (48 V _{DC})
	24 ~ 110 V DC	△ 88 ~ 370 VDC	✓	-
	100 ~ 240 V AC	△ 90 ~ 264 VAC	✓	EKI-9226G-20FOI (90 ~ 264 V _{AC})
	Relay Output	✓	✓	✓
Mechanism	DIN-rail Mount	-	-	-
	Wall Mount	-	-	-
	Rack Mount	✓	✓	✓
	IP Level	IP30	IP30	IP30
Protection	ESD (Ethernet)	✓	✓	✓
	Surge (EFT for power)	✓	✓	✓
	Power Reverse	✓	✓	✓
Operating Temperature	-10 ~ 60°C (14 ~ 140°F)	-	-	-
	-40 ~ 75°C (-40 ~ 167°F)	✓	✓	-
	-40 ~ 85°C (-40 ~ 185°F)	-	-	✓
Certifications	CE	✓	✓	✓
	FCC	✓	✓	✓
	UL/cUL 60950-1	-	-	✓
	Class 1, Division 2	-	-	-
	UL 508	-	-	-
Others	EN 50121-4 IEC 61850-3	EN 50121-4 IEC 61850-3	ICE 61850-3	

✓ : supported, - : not supported, △ : optional

EN50155/ITxPT/E-Mark Switches



Model Name		EKI-9520H	EKI-9512E-4GETB EKI-9512G-4GETB	EKI-9528 series	EKI-9516 series	EKI-9512 series	EKI-9510 series	EKI-9508 series
Description		20-Port L2 Managed (PoE) Switch w/10G	12-Port Ethernet Train Backbone Router	28-Port L2 Managed (PoE) Switch	16-Port L2 Managed (PoE) Switch	12-Port L2 Managed PoE Switch	10-Port L2 Managed (PoE) Switch	8-Port L2 Managed (PoE) Switch
Interface	Number of Ports	20	12	28	16	16	10	8
	10/100Base-TX	-	Up to 8	Up to 20	Up to 12	Up to 8	Up to 8	Up to 8
	100BaseFX	-	-	-	-	-	-	-
	10/100/1000Base-TX	14	Up to 12	Up to 28	Up to 16	Up to 12	Up to 10	Up to 8
	10/100/1000Base-TX with Bypass function	-	4	Up to 4	Up to 4	Up to 4	Up to 2	-
	1/2.5/5/10 Gbps	6	-	-	-	-	-	-
	PoE(10/100Mbps)	-	-	Up to 24	Up to 12	Up to 8	Up to 8	Up to 8
	PoE(10/100/1000Mbps)	14	-	Up to 24	Up to 12	Up to 8	Up to 8	Up to 8
	Console	✓	✓	✓	✓	✓	△	△
Network Management	Redundancy	✓	✓	✓	✓	✓	△	△
	Diagnostics	✓	✓	✓	✓	✓	△	△
	VLAN	✓	✓	✓	✓	✓	△	△
	Configuration	✓	✓	✓	✓	✓	△	△
	SNMP	✓	✓	✓	✓	✓	△	△
	Security	✓	✓	✓	✓	✓	△	△
	Traffic Control	✓	✓	✓	✓	✓	△	△
Power	24-110V _{dc}	✓	✓	✓	✓	✓	✓	✓
	9-36V _{dc}	-	-	-	-	-	✓	✓
	IP Rating	IP20	IP30	IP54	IP67	IP67	IP67	IP67
Rolling Stock Application	Ethernet Train Backbone (IEC61375-2-3 & -2-5)	-	✓	-	-	-	-	-
	EN50155	✓	✓	✓	✓	✓	✓	✓
	EN50121-3-2	✓	✓	✓	✓	✓	✓	✓
	EN61373	✓	✓	✓	✓	✓	✓	✓
	EN45545-2	✓	✓	✓	✓	✓	✓	✓
In-Vehicle certificate	E-Mark	-	-	-	-	-	✓	✓
	ITxPT	-	-	-	-	-	✓	✓

✓ : supported, - : not supported, △ : optional