

# Industrial Ethernet Product Selection Guide

## Power Over Ethernet (PoE) Switches



Model Name		EKI-9316P	EKI-9312P	EKI-7710G-2CPI EKI-7710G-2CP	EKI-7710E-2CP EKI-7710E-2CPI	EKI-7712G-4FP EKI-7712G-4FPI	EKI-7659CPI	EKI-2726FHPI	EKI-2701PSI
Description		16 Port Industrial-Class Managed DIN Rail Switch Full Gigabit Switch with PoE/PoE+	12 Port Industrial-Class Managed DIN Rail Switch Full Gigabit Switch with PoE/PoE+	8G+2G Port Gigabit Managed Redundant Industrial PoE Switch	8FE+2G Port Gigabit Managed Redundant Industrial PoE Switch	8G+4G Port Gigabit Managed Redundant Industrial PoE Switch	8+2G Port Gigabit Managed Redundant Industrial PoE Switch with Wide Temperature	4G+2 SFP W/ 4 IEEE 802.3 High Power PoE Industrial Wide Temperature Switch	Industrial PoE Splitter with Wide Temperature
Interface	Ports Number	16	12	10	10	12	10	6	2
	10/100Base-T (X)	-	-	-	-	-	-	-	-
	100BaseFX	-	-	-	-	-	-	-	-
	10/100/1000Base-T (X)	12	8	8	8	8	-	4	1
	1000Base-SX/LX/LHX/ XD/ZX/EZX	4	4	2	2	4	2	2	-
	PoE (10/100 Mbps)	12	8	-	8	-	8	4 (PoE+, 30W)	-
	PoE (10/100/1000 Mbps)	-	-	8	-	8	-	-	1
Network Management	DI/DO	-	-	-	-	-	-	-	-
	Console	✓	✓	✓	✓	✓	✓	-	-
	Redundancy	✓	✓	✓	✓	✓	✓	-	-
	Diagnostics	✓	✓	✓	✓	✓	✓	-	-
	VLAN	✓	✓	✓	✓	✓	✓	-	-
	Configuration	✓	✓	✓	✓	✓	✓	-	-
	SNMP	✓	✓	✓	✓	✓	✓	-	-
Power	Security	✓	✓	✓	✓	✓	✓	-	-
	Traffic Control	✓	✓	✓	✓	✓	✓	-	-
	2 x Unregulated 12 ~ 48 V <sub>DC</sub>	✓	✓	✓	✓	48 V <sub>DC</sub>	48 V <sub>DC</sub>	48 V <sub>DC</sub>	44-57 V <sub>DC</sub>
	2 x Unregulated 100 ~ 240 V <sub>DC</sub>	-	-	-	-	-	-	-	-
Mechanism	2 x Unregulated 100 ~ 240 V <sub>AC</sub>	-	-	-	-	-	-	-	-
	Relay Output	-	-	-	-	✓	✓	✓	-
	DIN-rail Mount	✓	✓	✓	✓	✓	✓	✓	✓
	Wall Mount	✓	✓	✓	✓	✓	✓	✓	✓
Protection	Rack Mount	-	-	-	-	-	-	-	-
	IP Level	IP30	IP30	IP30	IP30	IP30	IP30	IP30	IP30
	ESD (Ethernet)	✓	✓	✓	✓	✓	✓	✓	✓
Operating Temperature	Surge (EFT for power)	✓	✓	✓	✓	✓	✓	✓	✓
	Power Reverse	✓	✓	✓	✓	✓	✓	✓	✓
	-10 ~ 60°C (14 ~ 140°F)	-	-	7710G-2CP	7710E-2CP	7712G-4F	-	-	-
Certifications	-40 ~ 75°C (-40 ~ 167°F)	✓	✓	7710G-2CPI	7710E-2CPI	7712G-4FI	✓	✓	✓
	-40 ~ 85°C (-40 ~ 185°F)	-	-	-	-	-	-	-	-
	CE	✓	✓	✓	✓	✓	✓	✓	✓
	FCC	✓	✓	✓	✓	✓	✓	✓	✓
	UL/cUL 60950-1 Class 1, Division 2	✓	✓	-	-	-	✓	-	✓
UL 508	-	-	✓	✓	✓	-	✓	-	
Others	-	-	-	-	-	-	-	-	
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