

See Product Pages as more products have been released since this guide was produced

Selection Guide



Analog Input Model

Model Name	AI			DO		
	Channel	Voltage and Current Input	Sensor Input	Channel	Type	Sink/Source
ET-7005 PET-7005 PET-7005-48V	8	-	Thermistor	4	Open Collector	Sink
ET-7015 PET-7015 PET-7015-48V	7	-	RTD: Pt100, Pt1000, Ni120, Cu100, Cu1000	-	-	-
ET-7017 PET-7017 PET-7017-48V	8	+/-150 mV, +/-500 mV, +/-1 V, +/-5 V, +/-10 V, +/-20 mA, 0 ~ 20 mA, 4 ~ 20mA	-	4	Open Collector	Sink
ET-7017-10 PET-7017-10 PET-7017-10-48V	10/20	+/-150 mV, +/-500 mV, +/-1 V, +/-5 V, +/-10 V, +/-20 mA, 0 ~ 20 mA, 4 ~ 20 mA	-	-	-	-
ET-7018Z PET-7018Z PET-7018Z-48V	10	+/-15 mV, +/-50 mV, +/-100 mV, +/-500 mV, +/-1 V, +/-2.5 V +/-20 mA, 0 ~ 20 mA, 4 ~ 20 mA	Thermocouple: J, K, T, E, R, S, B, N, C, L, M, and L _{DIN43710}	6	Open Collector	Sink
ET-7019 PET-7019 PET-7019-48V	8	+/-15 mV, +/-50 mV, +/-100 mV, +/-150 mV, +/-500 mV, +/-1 V, +/-5 V, +/-10 V	Thermocouple: J, K, T, E, R, S, B, N, C, L, M, and L _{DIN43710}	4	Open Collector	Sink
ET-7019Z PET-7019Z PET-7019Z-48V	10	+/-20 mA, 0 ~ 20 mA, 4 ~ 20 mA		6		

Note: We recommend to choose ET-7019Z for accurate thermocouple measurement.

[ET/PET Module Selection Guide](#)

Ethernet I/O Products



Multi-function I/O

Model Name	AI			AO		DI/Counter		DO	
	Channel	Voltage and Current Input	Sensor Input	Channel	Voltage and Current Output	Channel	Contact	Channel	Type
ET-7002 PET-7002 PET-7002-48V	3	+/-150 mV, +/-500 mV, +/-1 V, +/-5 V, +/-10 V, +0 mA ~ +20 mA, +/-20 mA, 4 ~ 20 mA	-	-	-	6	Wet (Sink,Source)	3	Power Relay (Form A)
ET-7016 PET-7016 PET-7016-48V	2	+/-15 mV, +/-50 mV, +/-100 mV, +/-500 mV, +/-1 V, +/-2.5 V, 0 ~ 20 mA, +/-20 mA, 4 ~ 20mA	Strain Gauge, Load Cell, Full-Bridge, Half-Bridge, Quarter-Bridge	1 (Note)	0 ~ 10V	2	Wet (Sink,Source)	2	Open Collector (Sink)
ET-7026 PET-7026 PET-7026-48V	6	+/-150 mV, +/-500 mV, +/-1 V, +/-5 V, +/-10 V, 0 ~ 20 mA, +/-20 mA, 4 ~ 20mA	-	2	0 ~ 5 V, +/-5 V, 0 ~ 10 V, +/-10 V, 0 ~ 20 mA, 4 ~ 20 mA	2	Dry (Source), Wet (Sink,Source)	2	Open Collector (Sink)

Note: The AO is configured as a voltage excitation source for the strain gauge.

 Digital I/O

Model Name	DI/Counter			DO			
	Channel	Contact	Sink/Source	Channel	Type	Sink/Source	Max. Load Current @ 25°C
ET-7042 PET-7042 PET-7042-48V	-	-	-	16	Open Collector	Sink	100 mA/channel
ET-7044 PET-7044 PET-7044-48V	8	Wet	Sink, Source	8	Open Collector	Sink	300 mA/channel
ET-7050 PET-7050 PET-7050-48V	12	Wet	Sink, Source	6	Open Collector	Sink	100 mA/channel
ET-7051 PET-7051 PET-7051-48V	16	Wet	Sink, Source	-	-	-	-
ET-7052 PET-7052 PET-7052-48V	8	Wet	Sink, Source	8	Open Collector	Source	650 mA/channel
ET-7053 PET-7053 PET-7053-48V	16	Dry	Source	-	-	-	-
ET-7055 PET-7055 PET-7055-48V	8	Dry, Wet	Sink, Source	8	Open Collector	Source	650 mA/channel

Ethernet I/O Products

 Relay Output & Digital Input

Model Name	Relay Output				DI/Counter		
	Channel	Relay	Type	Max. Load Current @ 25°C	Channel	Contact	Sink/Source
ET-7060 PET-7060 PET-7060-48V	6	Power Relay	Form A (SPST N.O.)	5.0 A/channel	6	Wet	Sink, Source
ET-7062 PET-7062 PET-7062-48V	2	Power Relay	Form C (SPDT)	5.0A, TV-5 rated/channel	6	Wet	Sink, Source
ET-7065 PET-7065 PET-7065-48V	6	PhotoMOS Relay	Form A	1.0 A/channel	6	Wet	Sink, Source
ET-7066 PET-7066 PET-7066-48V	8	PhotoMOS Relay	Form A	1.0 A/channel	-	-	-
ET-7067 PET-7067 PET-7067-48V	8	Power Relay	Form A (SPST N.O.)	5.0 A/channel	-	-	-