

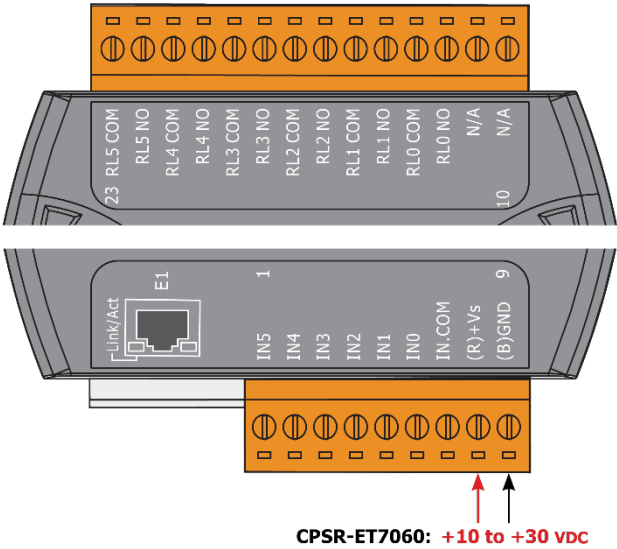


Model	Description
Software	
Built-in Web Server	Yes
CPU Module	
Watchdog Timer	Module, Communication (Programmable)
2-Way Isolation	
Ethernet	1500 VDC
I/O	3000 VDC
EMS Protection	
EFT (IEC 61000-4-4)	±2 kV for Power Line
ESD (IEC 61000-4-2)	±4 kV Contact for Each Terminal ±8 kV Air for Random Point
Surge (IEC 61000-4-5)	±0.5 kV for Power Line
LED Indicators	
Status	Run, Ethernet
Ethernet	
Ports	1 x RJ-45, 10/100 Base-TX
Access Control	ID, Password and IP Filter
Protocol	Modbus TCP, Modbus UDP
Power	
Reverse Polarity Protection	Yes
Consumption	2.9 W (Max)
Powered from Terminal Block	+10 to +30 VDC
Mechanical	
Dimensions (mm)	72(W) x 123(L) x 35 (H)
Installation	DIN-Rail Mounting
Environment	
Operating Temperature	-25 - +75 °C
Storage Temperature	-30 - +80 °C
Humidity	10 - 95% RH, Non-condensing
Standard	VCCI Class A, FCC Class A, CE Marking (EMC Directive Class A, RoHS Directive), UKCA

I/O specification

Item	Description
Digital Input/Counter	
Channels	6
Type	Wet Contact
Sink/Source (NPN/PNP)	Sink/Source
ON Voltage Level	+10 to +50 VDC
OFF Voltage Level	+4 VDC (Max.)
Max. Counts	4,294,967,295 (32-bit)
Frequency	500 Hz
Min. Pulse Width	1 ms
Input Impedance	10 kΩ
Overvoltage Protection	+70 VDC
Relay Output	
Channels	6
Type	Power Relay, Form A (SPST N.O.)
Contact Rating	5 A @ 250 VAC/24 VDC (Resistive Load)
Operate Time	10 ms (Max.)
Release Time	5 ms (Max.)
Electrical Endurance	10 ⁵ ops.
Mechanical Endurance	2 × 10 ⁷ ops.
Power on Value	Programmable
Safe Value	Programmable

Pin Assignments



Wire Connections

Digital Input /Counter	Readback as 1	Readback as 0
Sink	+10 - +50 VDC 	OPEN or <4 VDC
	+10 - +50 VDC 	OPEN or <4 VDC
Source	+10 - +50 VDC 	OPEN or <4 VDC
	+10 - +50 VDC 	OPEN or <4 VDC
Power Relay		
Relay Output	ON State Readback as 1 	OFF State Readback as 0
	ON State Readback as 1 	OFF State Readback as 0