

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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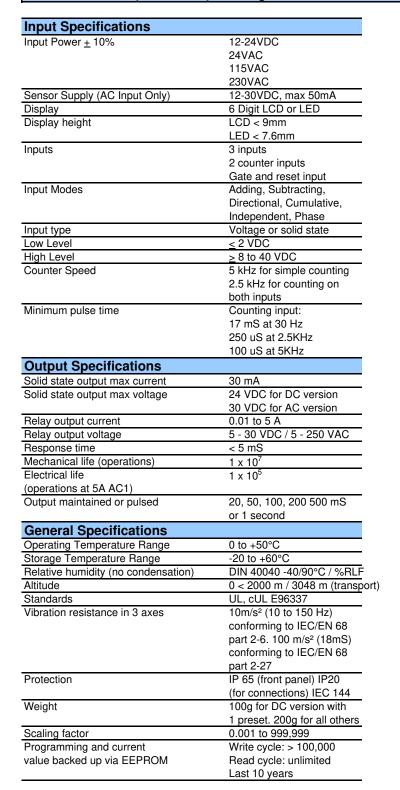




### **CPT4 Multifunction Counter**



- Counter, Ratemeter, Timer, Multi-totalizer, Batch Counter
- Configuration using text menus
- Easy modification of presets and multiplication coefficient
- SPDT and solid state outputs
- ► LCD and LED display
- ► IP65 sealed front panel
- 1/16 DIN-Sized (48 x 48mm) housing





Part Numbers						
	1 Solid State output and 1 SPDT output					
Preset	Supply Voltage	Display	Part Number			
1	12-24 VDC	LCD	87620111			
1	24 VAC	LCD	87620112			
1	115 VAC	LCD	87620113			
1	230 VAC	LCD	87620114			
1	12-24 VDC	LED	87620211			
1	24 VAC	LED	87620212			
1	115 VAC	LED	87620213			
1	230 VAC	LED	87620214			

Part Numbers					
2 Solid State outputs and 2 SPDT outputs					
Preset	Supply Voltage	Display	Part Number		
2	12-24 VDC	LCD	87620121		
2	24 VAC	LCD	87620122		
2	115 VAC	LCD	87620123		
2	230 VAC	LCD	87620124		
2	12-24 VDC	LED	87620221		
2	24 VAC	LED	87620222		
2	115 VAC	LED	87620223		
2	230 VAC	LED	87620224		

Part Number				
Accessories				
Description	Part Number			
Panel cut-out adapter plate for 72x72mm	87620300			



Panel cut-out Adapter Plate

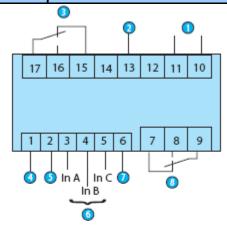
Panel thickness 1 < 10 mm

Panel cut-out

Adapter Plate

Front frame
Seal
Clamping frame

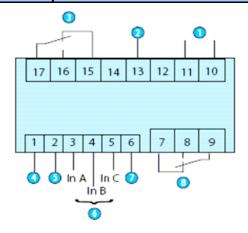
#### CPT4 - 2 presets AC version



- VAC power supply
- Solid state output 2
- Relay output 2
- Auxiliary power supply
- 6 0 V or common
- Counter and control input
- Solid state output 1
- Relay output 1

NB: Terminal 1 can be linked to inputs A, B or C via a contact when these inputs need an auxiliary power supply.

#### CPT4 - 2 presets DC version



- NC : Not connected
- Solid state output 2
- 🜖 Relay output 2
- VDC positive input
- 6 0 V or common
- Counter and control input
- 🕜 Solid state output 1
- 🔞 Relay output 1



#### **Functions** Counter input Directional counting - In CdG Directional counting - In Cdr Simple counting - In CGr 0 0 **②** ŏ Õ **(1)** 1 2 1 0 -1 0 1 1 1 2 1 2 3 4 3 2 3 4 0 1 2 Input A : Counter Input A : Counter Input A : Counter Input B : Counting direction Input B : Gate Input B : Counting direction Input C : Reset\* Input C : Reset\* Input C : Gate Oisplay Oisplay Oisplay \* The RESET input is configured as \* The RESET input is configured a solid state by default. solid state by default. Cumulative counting - In Aar Individual counting - In Asr Individual counting - In ASG \_\_\_\_\_ \_\_\_\_\_ mmm 0 0 1 2 2 2 2 1 0 0 0 1 2 1 2 4 6 8 9 0 0 0 1 2 Input A: Upcounter 🚺 Input A : Counter Input A : Upcounter Input B: Downcounter Input B : Counter Input B : Downcounter Input C : Reset\* Input C : Reset\* Input C : Gate Display Oisplay Oisplay \* The RESET input is configured as \* The RESET input is configured as solid state by default. solid state by default. Phase discriminator - In PPr Phase discriminator - In PPg Output mode Counting in the direction of the cycle - rS 0 rS A0 0 0 0 (3) 🕦 Input A : Channel A 🕦 Input A : Channel A Counting Input B: Channel B Input B : Channel B Reset Input C : Reset\* Input C : Gate 🚺 Display 🚹 Display Display Operation with electrical, automatic or \* The RESET input is configure manual Reset solid state by default. Counting in the opposite direction to the Reset Dynamic reset - rS cPt cycle - rS P2/rS AP2 Solid state reset - rS blo

Operation with electrical, automatic

Counting

Reset

Display

(Eg : P2 = 8)

manual Reset

Counting

2 Reset

3 Display

Counting

Reset

Oisplay



## **Functions** tc SPU Timing mode tc cPP tc cPu 1 tc SPU 10 tc cPP Display tc cPu Display Display A new time delay resets the first one Ratemeter operating mode tc SPP Low threshold በ Display Normal operation High threshold A new time delay resets the first one Batch counter operating mode



- Current counter
- Batch counter
- Reset