



Tehničke karakteristike

Features	SM231: 4AI×TC	SM231: 8AI×TC
Order No.	CTH2 231-7PD32	CTH2 231-7PF32
Physical Features		
Dimension (W×H×D)	71.3 × 96 × 62mm	71.3 × 96 × 62mm
LED indicator	24VDC Power supply indicator: ON = no fault, OFF = no power; SF indicator, ON=module fault, Blink=input signal error, OFF=normal;	
Power Consumption		
+5VDC power loss	87mA	87mA
L+	30mA	30mA
L+Coil voltage range	20.4~28.8VDC	
Power Consumption	1.7W	1.7W
Input Features		
Input type	Suspension TC	
Input number	4	8
Input range	TC type (choose one) : S, T, R, E, N, K, J voltage range: +/-80mV	
Isolation		
Field side to logical circuit	500VAC	
Field side to 24VDC	500VAC	
24VDC to logical circuit	500VAC	
Common mod input range (input channel to input channel)	120VAC	
Common mode rejection	>120dB@120VAC	
Sample Features		
Temperature resolution	0.1°C/0.1°F	
Voltage resolution	15bit+sign bit	
Measuring principle	Σ-Δ	
Module update time (all channel)	425ms	825ms
Wire length to sensor	Max. 100m	
Wire loop resistance	Max. 100Ω	
Noise suppression	85dB@ 50Hz/60Hz/400Hz	
Data format	Voltage: -27648 to +27648	

Input impedance	>1MΩ	
Max. voltage input	30VDC	
Input resolution	15bit+sign bit	
Input filter attenuation	-3dB@ 21kHz	
Error	0.1% FS (voltage)	
Repeatability	0.05% FS	
Cold junction error	±1.5°C	
Analog input addressing	AIW addressing	VW addressing

VWxx	Channel 0	Channel 1	Channel 2	Channel 3	Channel 4	Channel 5	Channel 6	Channel 7
Slot 0	VW0	VW2	VW4	VW6	VW8	VW10	VW12	VW14
Slot 1	VW64	VW66	VW68	VW70	VW72	VW74	VW76	VW78
Slot 2	VW128	VW130	VW132	VW134	VW136	VW138	VW140	VW142
Slot 3	VW192	VW194	VW196	VW198	VW200	VW202	VW204	VW206
Slot 4	VW256	VW258	VW260	VW262	VW264	VW266	VW268	VW270
Slot 5	VW320	VW322	VW324	VW326	VW328	VW330	VW332	VW334
Slot 6	VW384	VW386	VW388	VW390	VW392	VW394	VW396	VW398

Dimenzije

型号		单位mm	
CTH2 221-1BH32	CTH2 231-7PD32	<p>正立面</p> <p>側立面</p>	
CTH2 222-1BH32	CTH2 231-7PF32		
CTH2 222-1HH32	CTH2 231-7TF32		
CTH2 223-1BH32	CTH2 231-7TD32		
CTH2 223-1PH32	CTH2 231-7ND32		
CTH2 231-0HC32	CTH2 231-7NF32		
CTH2 235-0KD32	CTH2 231-7WA32		
CTH2 231-0HF32	CTH2 232-0HD32		
CTH2 231-7HB32	CTH2 277-0AA32		
CTH2 231-7HC32	CTH2 277-0AB32		
CTH2 231-7PB32	CTH2 253-1BH32		
CTH2 231-7PC32			

Šema spajanja

