

## Ordering Information

## E5AN-H

Size	Case color	Power supply voltage	Control method	Auxiliary output	Control output 1/2	Heater burnout	Optional functions			Model
							Event inputs	Transfer output	RSP	
1/4 DIN 96 × 96 × 78 (W × H × D)	Black	100 to 240 VAC	Basic	2	Control Output Unit × 2	1	2		4 to 20-mA input	E5AN-HAA2HBM-500
					SSR outputs × 2	1	2		4 to 20-mA input	E5AN-HSS2HBM-500 *
				Control Output Unit × 2	2	2	4 to 20-mA output	4 to 20-mA input	E5AN-HAA2HHBFM-500	
				SSR outputs × 2	2	2	4 to 20-mA output	4 to 20-mA input	E5AN-HSS2HHBFM-500 *	
			3	Control Output Unit × 2		2	4 to 20-mA output	4 to 20-mA input	E5AN-HAA3BFM-500	
				SSR outputs × 2		2	4 to 20-mA output	4 to 20-mA input	E5AN-HSS3BFM-500 *	
		Valve	2	Relay outputs × 2		2		4 to 20-mA input	E5AN-HPRR2BM-500	
				Relay outputs × 2		2	4 to 20-mA output	4 to 20-mA input	E5AN-HPRR2BFM-500	
		24 VAC/ VDC	Basic	2	Control Output Unit × 2	1	2		4 to 20-mA input	E5AN-HAA2HBMD-500
					SSR outputs × 2	1	2		4 to 20-mA input	E5AN-HSS2HBMD-500 *
				Control Output Unit × 2	2	2	4 to 20-mA output	4 to 20-mA input	E5AN-HAA2HHBFMD-500	
				SSR outputs × 2	2	2	4 to 20-mA output	4 to 20-mA input	E5AN-HSS2HHBFMD-500 *	
	3		Control Output Unit × 2		2	4 to 20-mA output	4 to 20-mA input	E5AN-HAA3BFMD-500		
			SSR outputs × 2		2	4 to 20-mA output	4 to 20-mA input	E5AN-HSS3BFMD-500 *		
	Valve	2	Relay outputs × 2		2		4 to 20-mA input	E5AN-HPRR2BMD-500		
			Relay outputs × 2		2	4 to 20-mA output	4 to 20-mA input	E5AN-HPRR2BFMD-500		
	Silver	100 to 240 VAC	Basic	2	Control Output Unit × 2	1	2		4 to 20-mA input	E5AN-HAA2HBM-W-500
					Control Output Unit × 2	2	2	4 to 20-mA output	4 to 20-mA input	E5AN-HAA2HHBFM-W-500
Control Output Unit × 2					1	2		4 to 20-mA input	E5AN-HAA2HBMD-W-500	
		24 VAC/ VDC								

\* Orders will not be accepted after March 31, 2018.

## E5EN-H

Size	Case color	Power supply voltage	Control method	Auxiliary output	Control output 1/2	Heater burn-out	Optional Functions			Model
							Event inputs	Transfer output	RSP	
1/8 DIN 48 × 96 × 78 (W × H × D)	Black	100 to 240 VAC	Basic	2	Control Output Unit × 2	1	2		4 to 20-mA input	E5EN-HAA2HBM-500
					SSR outputs × 2	1	2		4 to 20-mA input	E5EN-HSS2HBM-500 *
					Control Output Unit × 2	2	2	4 to 20-mA output	4 to 20-mA input	E5EN-HAA2HHBFM-500
					SSR outputs × 2	2	2	4 to 20-mA output	4 to 20-mA input	E5EN-HSS2HHBFM-500 *
				3	Control Output Unit × 2		2	4 to 20-mA output	4 to 20-mA input	E5EN-HAA3BFM-500
					SSR outputs × 2		2	4 to 20-mA output	4 to 20-mA input	E5EN-HSS3BFM-500 *
		Valve	2	Relay outputs × 2		2		4 to 20-mA input	E5EN-HPRR2BM-500	
				Relay outputs × 2		2	4 to 20-mA output	4 to 20-mA input	E5EN-HPRR2BFM-500	
		24 VAC/VDC	Basic	2	Control Output Unit × 2	1	2		4 to 20-mA input	E5EN-HAA2HBMD-500
					SSR outputs × 2	1	2		4 to 20-mA input	E5EN-HSS2HBMD-500 *
					Control Output Unit × 2	2	2	4 to 20-mA output	4 to 20-mA input	E5EN-HAA2HHBFMD-500
					SSR outputs × 2	2	2	4 to 20-mA output	4 to 20-mA input	E5EN-HSS2HHBFMD-500 *
	3			Control Output Unit × 2		2	4 to 20-mA output	4 to 20-mA input	E5EN-HAA3BFMD-500	
				SSR outputs × 2		2	4 to 20-mA output	4 to 20-mA input	E5EN-HSS3BFMD-500 *	
	Valve	2	Relay outputs × 2		2		4 to 20-mA input	E5EN-HPRR2BMD-500		
			Relay outputs × 2		2	4 to 20-mA output	4 to 20-mA input	E5EN-HPRR2BFMD-500		
	Silver	100 to 240 VAC	Basic	2	Control Output Unit × 2	1	2		4 to 20-mA input	E5EN-HAA2HBM-W-500
					Control Output Unit × 2	2	2	4 to 20-mA output	4 to 20-mA input	E5EN-HAA2HHBFM-W-500
Control Output Unit × 2					1	2		4 to 20-mA input	E5EN-HAA2HBMD-W-500	
	24 VAC/VDC			Control Output Unit × 2	1	2		4 to 20-mA input	E5EN-HAA2HBMD-W-500	

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## Accessories (Order Separately)

Output unit	Model	Specifications
Relay output	E53-RN	SPST-NO, 250 VAC, 5 A (resistive load), electrical life: 100,000 operations
Voltage output (for driving SSR)	E53-QN	12 VDC (PNP), max. load current: 40-mA, with short-circuit protection
	E53-Q3	24 VDC (NPN), max. load current: 20-mA, with short-circuit protection
	E53-Q4	24 VDC (PNP), max. load current: 20-mA, with short-circuit protection
Current output	E53-C3N	4 to 20-mA DC, load: 600 Ω max., resolution: approx. 10,000
	E53-C3DN	0 to 20-mA DC, load: 600 Ω max., resolution: approx. 10,000
Linear voltage output	E53-V34N	0 to 10 VDC, load: 1 kΩ min., resolution: approx. 10,000
	E53-V35N	0 to 5 VDC, load: 1 kΩ min., resolution: approx. 10,000

## USB-infrared Conversion Cable

Model
E58-CIFIR

## USB-Serial Conversion Cable

Model
E58-CIFQ1

## Terminal Cover

Connectable models	Model
E5AN-H	E53-COV16
E5EN-H	

Note: The Terminal Cover comes with the E5CN-□□□-500 models.

## Mounting Brackets

Model
Y92H-9

Note: These Mounting Brackets are provided with the Digital Controller.

## Waterproof Packing

Connectable models	Model
E5AN-H	Y92S-P4
E5EN-H	Y92S-P5

Note: The Waterproof Packing is included with the Controller.

## Current Transformers (CTs)

Hole diameter	Model
5.8 dia.	E54-CT1
12.0 dia.	E54-CT3

## CX-Thermo Support Software

Model
EST2-2C-MV4