



**Directly Mounted CEP7 Solid State Overload Relays, Manual Reset ①②④**

Overload Relay	Directly Mounts to Contactor... ②	Adjustment Range (A)	Trip Class 10	
			Catalog Number	Price
<b>Manual Reset for 3Ø Applications ①</b>				
	CA7-9...CA7-23 CAN7-12, CAN7-16	0.1...0.5	CEP7-ED1AB	77
		0.2...1.0	CEP7-ED1BB	77
		1.0...5.0	CEP7-ED1CB	77
		3.2...16	CEP7-ED1DB	77
		5.4...27	CEP7-ED1EB	77
	CA7-30...CA7-55 CAN7-37, CAN7-43	1.0...5.0	CEP7-ED1CD	123
		3.2...16	CEP7-ED1DD	123
		5.4...27	CEP7-ED1ED	123
		9...45	CEP7-ED1FD	123

**Directly Mounted CEP7 Solid State Overload Relays, Automatic/Manual Reset ①②③④**

Overload Relay	Directly Mounts to Contactor... ②	Adjustment Range (A)	Adjustable Trip Class 10, 15, 20 & 30	
			Catalog Number	Price
<b>Automatic or Manual Reset for 3Ø Applications ①</b>				
	CA7-9...CA7-23 CAN7-12, CAN7-16	0.1...0.5	CEP7-EEAB	88
		0.2...1.0	CEP7-EEBB	88
		1.0...5.0	CEP7-EECB	88
		3.2...16	CEP7-EEDB	88
		5.4...27	CEP7-EEEB	88
	CA7-30...CA7-55 CAN7-37, CAN7-43	1.0...5.0	CEP7-EECD	138
		3.2...16	CEP7-EEDD	138
		5.4...27	CEP7-EEED	138
		9...45	CEP7-EEFD	138
		11...55	CEP7-EEQD	138
	CA7-60...CA7-97 CAN7-85	5.4...27	CEP7-EEEE	158
		9...45	CEP7-EEFE	158
		18...90	CEP7-EEGE	164
		60...120	CEP7-EEVE	164

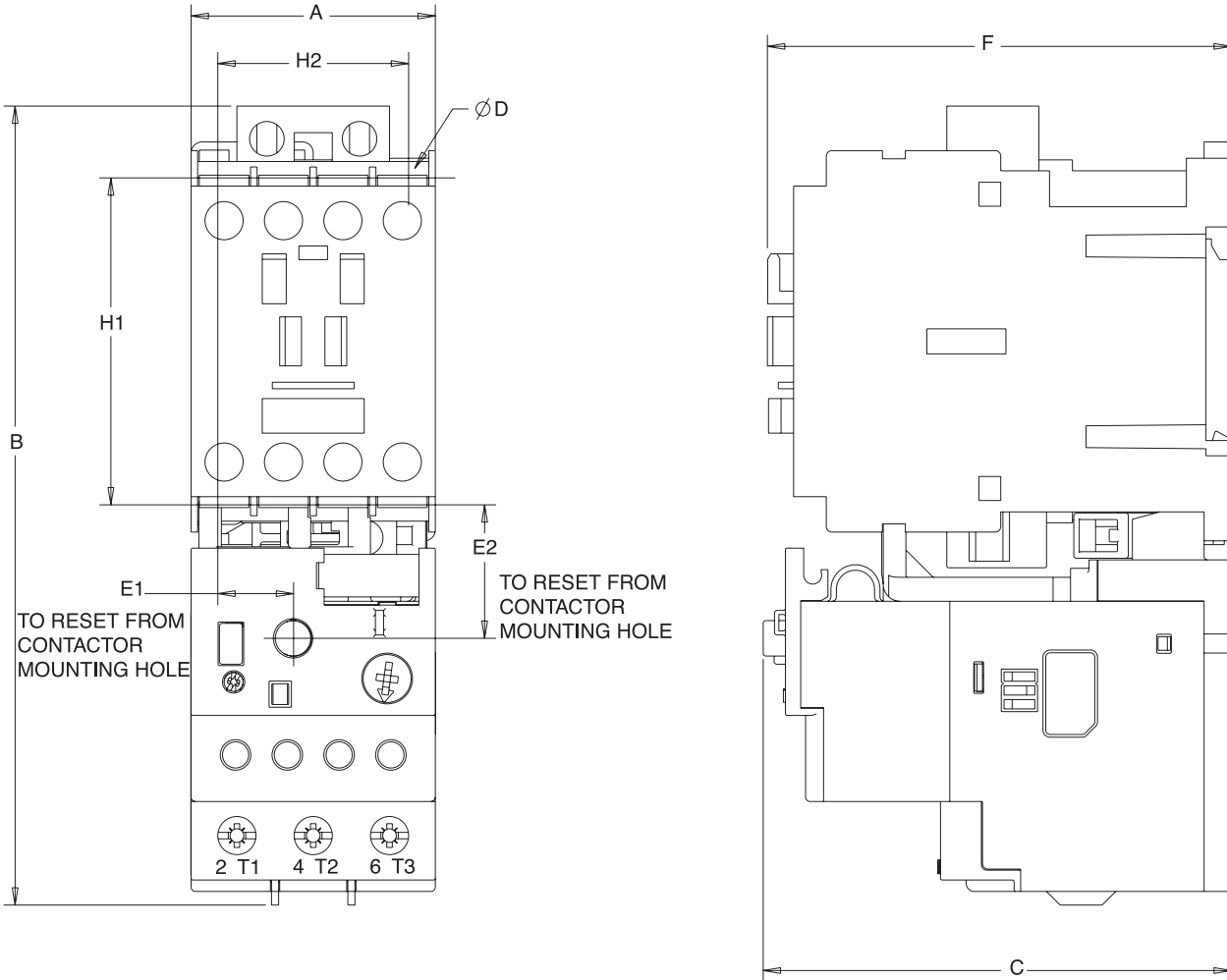
**TIP!**

Most industrial applications usually call for an overload relay that must be manually reset in the event of a trip. This allows the cause of the overload to be identified before the motor is restarted. An overload relay that resets automatically is generally for specialized, or remote applications, such as rooftop AC units where restarting the motor will not harm people or equipment.

- ① 3-phase CEP7 units are only designed for 3Ø applications. Single phase CEP7S units are only designed for single phase applications.
- ② This reference is not intended to be a guide for selecting contactors. Size overload relays using the full load current of the motor.
- ③ The reset time of a CEP7 set in the automatic mode is approximately 120 seconds.
- ④ CEP7 overload relays do not work with Variable Frequency Drives, DC Applications or Softstarters with braking options.

**CEP7 Mounted to CA7 Contactor**

Dimensions are in millimeters (inches). Dimensions not intended for manufacturing purposes.



Overload	Mounted to Contactor		A Width	B Height	C Depth	D	E1	E2	F	H1	H2
CEP7-ED1...B CEP7-EE...B CEP7S-EE...B	CA7-9...23	mm (in)	45 (1-25/32)	146.6 (5-25/32)	85.2 (3-23/64)	4.5 (3/16)	13.9 (35/64)	24.5 (31/32)	86.5 (3-13/32)	60 (2-23/64)	35 (1-3/8)
CEP7-ED1...D CEP7-EE...D CEP7S-EE...D	CA7-30...37	mm (in)	45 (1-25/32)	146.6 (5-25/32)	101.2 (3-63/64)	4.5 (3/16)	13.9 (35/64)	24.5 (31/32)	104 (4-3/32)	60 (2-23/64)	35 (1-3/8)
CEP7-ED1...D CEP7-EE...D CEP7S-EE...D	CA7-43...55	mm (in)	54 (2-1/8)	146.6 (5-25/32)	101.2 (3-63/64)	4.5 (3/16)	18.9 (3/4)	24.5 (31/32)	107 (4-3/32)	60 (2-23/64)	45 (1-25/32)
CEP7-EE...E CEP7S-EE...E	CA7-60...97	mm (in)	72 (2-53/64)	192.3 (7-37/64)	120.4 (4-3/4)	5.4 (7/32)	23.8 (15/16)	29 (1-9/64)	125.5 (4-15/16)	100 (3-15/16)	55 (2-11/64)