



Direct Mount / Single & Three-phase Applications ①②③

Overload Relay	Directly Mounts to Contactor...	Adjustment Range (A)	Catalog Number	Price
CEP7-1EE Manual Reset for 1Ø and 3Ø Applications - Trip Class 10, 20				
 <p>shown: CEP7-1EEAB</p>	CA7-9...CA7-23 CAN7-12, CAN7-16	0.1...0.5	CEP7-1EEAB	75.00
		0.2...1.0	CEP7-1EEBB	75.00
		1.0...5.0	CEP7-1EECB	75.00
		3.2...16	CEP7-1EEDB	75.00
		5.4...27	CEP7-1EEEB	75.00
	CA7-30...CA7-55 CAN7-37, CAN7-43	5.4...27	CEP7-1EEED	115.00
	11...55	CEP7-1EEFD	115.00	
	CA7-60...CA7-97 CAN7-85	20...100	CEP7-1EEGE	128.00
CEP7-1EF Automatic or Manual Reset for 1Ø and 3Ø Applications - Trip Class 10, 15, 20, 30				
 <p>shown: CEP7-1EFAB</p>	CA7-9...CA7-23 CAN7-12, CAN7-16	0.1...0.5	CEP7-1EFAB	85.00
		0.2...1.0	CEP7-1EFBB	85.00
		1.0...5.0	CEP7-1EFCB	85.00
		3.2...16	CEP7-1EFD B	85.00
		5.4...27	CEP7-1EFEB	85.00
	CA7-30...CA7-55 CAN7-37, CAN7-43	5.4...27	CEP7-1EFED	134.00
		11...55	CEP7-1EFFD	134.00
		CA7-60...CA7-97 CAN7-85	20...100	CEP7-1EFGE

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.

B
3rd Gen CEP7 Overloads

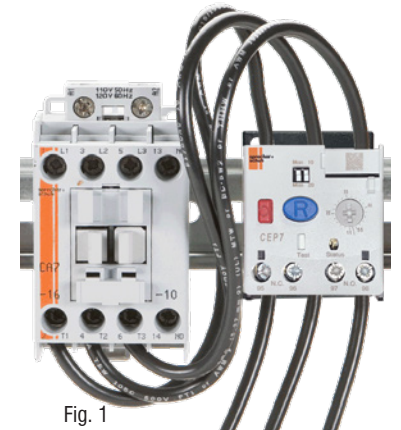





Fig. 1

Pass-Thru Models / Single & Three-phase Applications ②③

Overload Relay	for use with... ①	Adjustment Range (A)	Catalog Number	Price
CEP7-1EE Manual Reset for 1Ø and 3Ø Applications - Trip Class 10, 20				
 <p>shown: CEP7-1EECP</p>	All contactors	1.0...5.0	CEP7-1EECP	75.00
		3.2...16	CEP7-1EEDP	75.00
		5.4...27	CEP7-1EEEP	75.00
		11...55	CEP7-1EEFP	115.00
		20...100	CEP7-1EEGP	128.00
CEP7-1EF Automatic or Manual Reset for 1Ø and 3Ø Applications - Trip Class 10, 15, 20, 30				
 <p>shown: CEP7-1EFGP</p>	All contactors	1.0...5.0	CEP7-1EFCP	85.00
		3.2...16	CEP7-1EFD P	85.00
		5.4...27	CEP7-1EFEP	85.00
		11...55	CEP7-1EFFP	134.00
		20...100	CEP7-1EFGP	152.00
CEP7-1EF Automatic or Manual Reset for 1Ø and 3Ø Applications - Trip Class 10, 15, 20, 30				
 <p>shown: CEP7-1EFLZ</p>	All contactors and external current transformers	30...150	CEP7-1EFHZ	
		40...200	CEP7-1EFJZ	
		60...300	CEP7-1EFKZ	
		80...400	CEP7-1EFWZ	
		100...500	CEP7-1EFLZ	
		120...600	CEP7-1EFMZ	
	160...800	CEP7-1EFNZ		

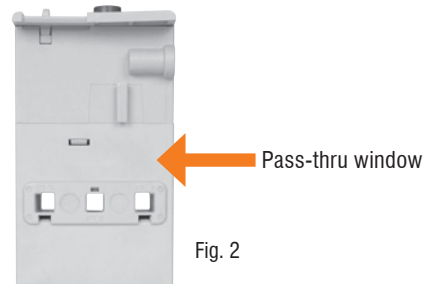


Fig. 2

Description

Fig. 1 - The Pass-Thru version of the CEP7 permits separate mounting of the overload relay.

Fig. 2 - Motor load side cables simply pass-thru a window in the overload relay body. The internal current transformers monitor the current flow.

Benefits

- No need for a panel mount adapter as required with direct-connect versions
- Eliminates 3 to 6 wire terminations
- Designed for use with CA8, CA7 or CA9 contactors
- Easily replaces outdated overload relays in existing starter assemblies
- Provides state-of-the-art accuracy and motor protection

① This reference is not intended to be a guide for selecting contactors. Size overload relays using the full load current of the motor.

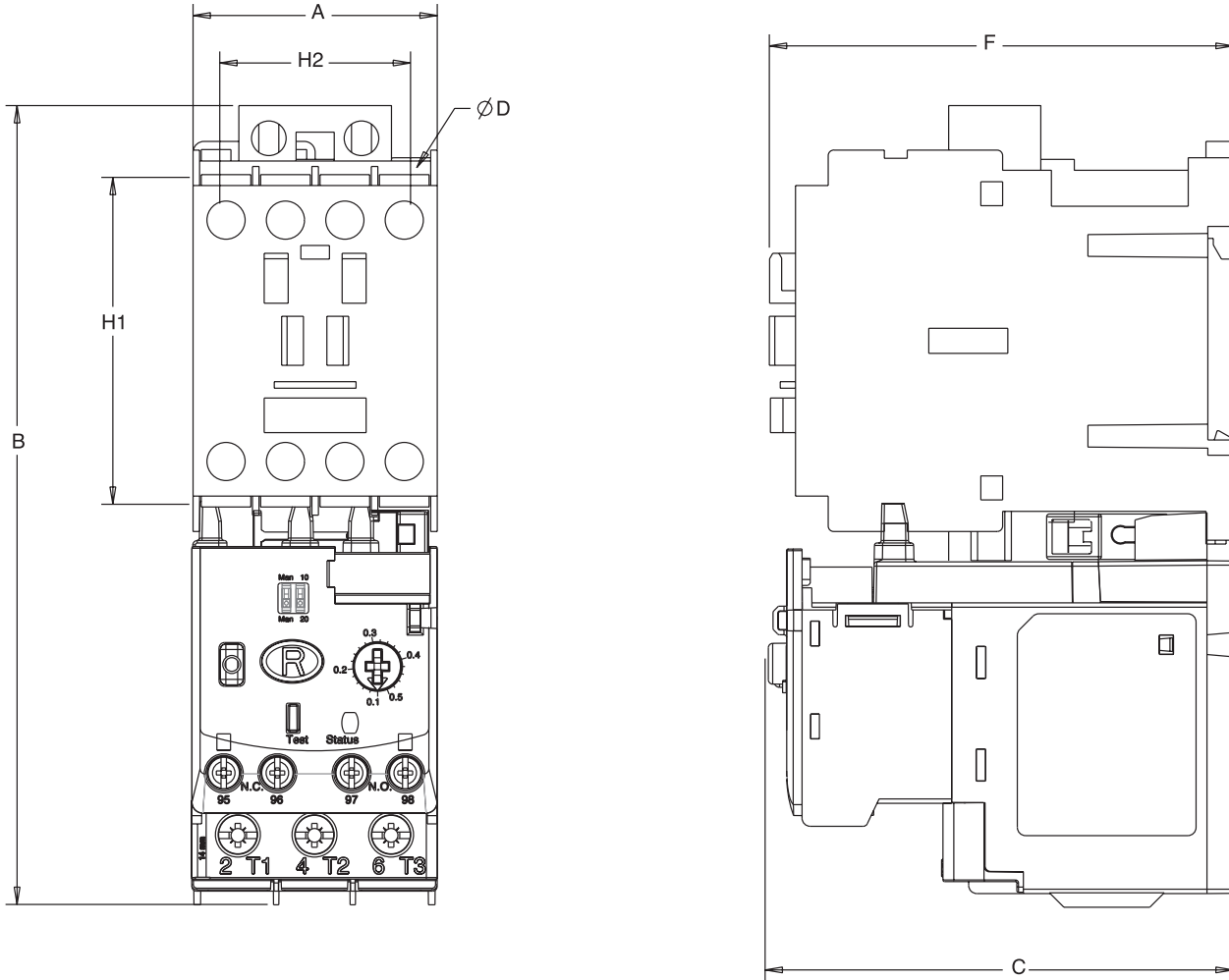
② The reset time of a CEP7 set in the automatic mode is approximately 120 seconds.

③ CEP7 overload relays do not work with Variable Frequency Drives, DC Applications or Softstarters with braking options.

COMING SOON

CEP7-1 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	F	H1	H2
CEP7-1EE/EF_B	CA7-9...23, CAN7-12...16	mm (in)	45 (1-25/32)	146.6 (5-25/32)	85.2 (3-23/64)	4.5 (3/16)	86.5 (3-13/32)	60 (2-23/64)	35 (1-3/8)
CEP7-1EE/EF_D	CA7-30...37, CAN7-37	mm (in)	45 (1-25/32)	146.6 (5-25/32)	101.2 (3-63/64)	4.5 (3/16)	104 (4-3/32)	60 (2-23/64)	35 (1-3/8)
CEP7-1EE/EF_D	CA7-43...55, CAN7-43	mm (in)	54 (2-1/8)	146.6 (5-25/32)	101.2 (3-63/64)	4.5 (3/16)	107 (4-3/32)	60 (2-23/64)	45 (1-25/32)
CEP7-1EE/EF_E	CA7-60...97, CAN7-85	mm (in)	72 (2-53/64)	192.3 (7-37/64)	120.4 (4-3/4)	5.4 (7/32)	125.5 (4-15/16)	100 (3-15/16)	55 (2-11/64)