

### CA7 Contactor with CEP7 Overload Relay ③④

For use with contactor...	Amp Range	Overload Relay Code (◆)	Catalog Number (of Overload Relay)
<b>1-Phase &amp; 3-Phase / Manual reset / Class 10&amp;20</b>			
CA7-9...CA7-23	0.1...0.5	<b>1EAB</b>	CEP7-1EEAB
	0.2...1.0	<b>1EBB</b>	CEP7-1EEBB
	1.0...5.0	<b>1ECB</b>	CEP7-1EECB
	3.2...16	<b>1EDB</b>	CEP7-1EEDB
	5.4...27	<b>1EEB</b>	CEP7-1EEEB
CA7-30...CA7-55	1.0...5.0	<b>FCP</b>	CEP7-1EFCP ❶
	3.2...16	<b>FDP</b>	CEP7-1EFDP ❶
	5.4...27	<b>1EED</b>	CEP7-1EEED
	11...55	<b>1EFD</b>	CEP7-1EEFD
CA7-60...97	20...100	<b>1EGE</b>	CEP7-1EEGE
<b>1-Phase &amp; 3-Phase / Auto or Manual / Adj. Trip Class 10...30</b>			
CA7-9...CA7-23	0.1...0.5	<b>FAB</b>	CEP7-1EFAB
	0.2...1.0	<b>FBB</b>	CEP7-1EFBB
	1.0...5.0	<b>FCB</b>	CEP7-1EFGB
	3.2...16	<b>FDB</b>	CEP7-1EFDB
	5.4...27	<b>FEB</b>	CEP7-1EFEB
CA7-30...CA7-55	1.0...5.0	<b>FCP</b>	CEP7-1EFCP ❶
	3.2...16	<b>FDP</b>	CEP7-1EFDP ❶
	5.4...27	<b>FED</b>	CEP7-1EFED
	11...55	<b>FFD</b>	CEP7-1EFFD
CA7-55	11...55	<b>FFD</b>	CEP7-1EFFD
CA7-60...CA7-97	5.4...27	<b>FEP</b>	CEP7-1EFEP ❶
	<b>11...55</b>	<b>FFP</b>	CEP7-1EFFP ❶
	20...100	<b>FGE</b>	CEP7-1EFGE

### Large Amp CEP7 Solid State Overload Relays, Automatic or Manual Adjustable Trip Class ②③④

Directly Mounts to Contactor... ②	Adj. Range (A)	Overload Relay Code (◆)	CT Ratio	Catalog Number (of Overload Relay)
<b>Automatic or Manual Reset for 3-Phase Applications Adjustable Trip Class 10, 15, 20 &amp; 30</b>				
CA9-116...146	30...150	<b>9IP</b>	150:5	<b>CEP7-EEHJ</b>
CA9-190...205	40...200	<b>9IP</b>	200:5	<b>CEP7-EEJJ</b>
CA9-265...305		<b>CT3</b>	300:5	⑤
CA9-370...580		<b>CT6</b>	600:5	⑤
CA9-750...1060		~		Refer to Factory

#### Special Notes:

**Wye-Delta Starters** - First multiply motor full load current by 58%. Then, using this figure, select appropriate Overload Relay Code from tables above.

**Part Winding Starters** - First multiply motor full load current by 50%. Then, using this figure, select appropriate Overload Relay Code from tables above.

**Variable Frequency Drives** - CEP7 solid state overload relays cannot be utilized on VFDs or Softstarters with Braking option.

- ❶ Engineered solution is a pass-thru model overload. No direct contactor mounting for this selection is available within the CEP7-1EE/1EF series.
- ❷ This reference is not intended to be a guide for selecting contactors. Size overload relays using the full load current of the motor.
- ❸ The reset time of a CEP7 set in the automatic mode is approximately 180 seconds.

- ❹ CEP7 Overload relays do not work with Variable Frequency Drives or any Sprecher + Schuh Softstarter with braking options.
- ❺ Utilizes UL approved Current Transformers and a CEP7-1EF\_Z overload relay. For CE approved Current Transformers – refer to factory.