

CA7 Contactor with CEP7 Overload Relay ③④

For use with contactor...	Amp Range	Overload Relay Code (◆)	Catalog Number (of Overload Relay)
1-Phase & 3-Phase / Manual reset / Class 10 & 20			
CA7-9...CA7-23	0.1...0.5	1EAB	CEP7-1EEAB
	0.2...1.0	1EBB	CEP7-1EEBB
	1.0...5.0	1ECB	CEP7-1EECB
	3.2...16	1EDB	CEP7-1EEDB
	5.4...27	1EEB	CEP7-1EEEB
CA7-30...CA7-55	1.0...5.0	FCP	CEP7-1EFCP ❶
	3.6...16	FDP	CEP7-1EFDP ❶
	5.4...27	1EED	CEP7-1EEED
	11...55	1EFD	CEP7-1EEFD
CA7-60...97	20...100	1EGE	CEP7-1EEGE
1-Phase & 3-Phase / Auto or Manual / Adj. Trip Class 10...30			
CA7-9...CA7-23	0.1...0.5	FAB	CEP7-1EFAB
	0.2...1.0	FBB	CEP7-1EFBB
	1.0...5.0	FCB	CEP7-1EFCB
	3.2...16	FDB	CEP7-1EFDB
	5.4...27	FEB	CEP7-1EFEB
CA7-30...CA7-55	1.0...5.0	FCP	CEP7-1EFCP ❶
	3.2...16	FDP	CEP7-1EFDP ❶
	5.4...27	FED	CEP7-1EFED
	11...55	FFD	CEP7-1EFFD
CA7-55	11...55	FFD	CEP7-1EFFD
CA7-60...CA7-97	5.4...27	FEP	CEP7-1EFEP ❶
	11...55	FFP	CEP7-1EFFP ❶
	20...100	FGE	CEP7-1EFGE

CA9 Contactor with CEP7-1EF_Z Overload Relay ② / Separate-Mount

Separate Mounts from Contactor... ②③	Adj. Range (A)	Overload Relay Code (◆)	CT Ratio	Catalog Number (of Overload Relay)
Automatic or Manual Reset for 3-Phase Applications Adjustable Trip Class 10, 15, 20 & 30				
CA9-116...265	30...300	CTK	300:5	CEP7-CT-UL-300 (UL approved) + (plus) CEP7-1EFKZ
CA9-305...460	120...600	CTM	600:5	CEP7-CT-UL-600 (UL approved) + (plus) CEP7-1EFMZ
CA9-580...1060		~		Refer to Factory

CA9 Contactor with CEP9 Overload Relay ② / Direct-Mount

Directly Mounts to Contactor... ②	Adj. Range (A)	Overload Relay Code (◆)	Catalog Number (of Overload Relay)
Automatic or Manual Reset for 3-Phase Applications Adjustable Trip Class 10, 15, 20 & 30			
CA9-116...146	20...200	9IP ⑥	CEP9-ESM-I-146-200 CEP9-EIO... CEP9-ECM-PCM
		9IGP ⑥	CEP9-ESM-IG-146-200 CEP9-EIO... CEP9-ECM-PCM
		9VIGP ⑥	CEP9-ESM-VIG-146-200 CEP9-EIO... CEP9-ECM-PCM
CA9-190...205	20...200	9IP ⑥	CEP9-ESM-I-205-200 CEP9-EIO... CEP9-ECM-PCM
		9IGP ⑥	CEP9-ESM-IG-205-200 CEP9-EIO... CEP9-ECM-PCM
		9VIGP ⑥	CEP9-ESM-VIG-205-200 CEP9-EIO... CEP9-ECM-PCM

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.

⑥ Utilizes UL approved Current Transformers and a CEP7-1EF_Z overload relay. For CE approved Current Transformers – refer to factory.

⑦ The letter "P" designates the parameter configuration module and can be changed to an "E" to represent the use of Ethernet/IP communication module. Price adder applies.