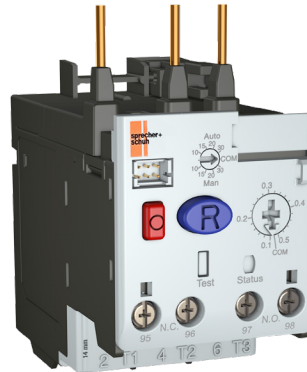# sprecher+ schuh

INDUSTRIAL MOTOR CONTROL + PROTECTION

Product Migration

Electronic Overload Relay

CEP7 to CEP7-1

Obsolete CEP7

CEP7-1

Why Upgrade or Migrate

While the CEP7 Overload Relay has been a valuable part of our portfolio for the past 18 years, this product will no longer be available for sale after April 2021.[❶] Now is the time to migrate to the CEP7-1 Electronic Overload Relay. The CEP7-1 is the next generation basic-tier electronic overload relay. It has enhanced features to better safeguard your motor investments, including increased accuracy and repeatability, a self-powered design with lower heat dissipation, and an aggressive component certification strategy.

CEP7-1 Features and Benefits

- CEP7-1EE: Trip Class 10 and 20, manual reset only
- CEP7-1EF: Trip Class 10, 15, 20, 30, manual or automatic reset
- 5:1 wide current adjustment range to cover a variety of motor applications
- Supports both single- and three-phase operation in a single component
- A variety of accessories for enhanced protection
  - Ground fault/jam
  - Remote reset and/or indication
  - Anti-tamper shields
  - DIN rail/panel mounting
  - External CT configurations
- Current measurement-based protection
- Electronic design and thermal memory
- Phase loss protection
- Self-powered and direct-mount design with CA7/CAN7 style contactors

Identify, Mitigate and Help Eliminate the Risk of Automation Obsolescence

In today's economy, it is necessary to have migration solutions that help you to achieve increased productivity and lessen your risk of maintaining your legacy equipment. You need to work with a supplier that has the product, service and industry knowledge to partner with you on an upgrade strategy that will help you maximize your competitive advantage.

Sprecher+Schuh understands that your overload relays are a critical asset in your automation system, and we support that by providing you with the latest technology to maximize your investment. New technologies can improve and extend the operation of existing equipment and provide an immediate boost to productivity. By migrating from your legacy CEP7-ED1/EE Overload to a new CEP7-1 Electronic Overload Relay, you can help to decrease downtime, increase speed to market, and optimize operations well into the future.

We will help you to meet ever changing industry demands to innovate by proactively planning and managing your transition every step of the way to help you get the highest possible return on your automation investment.

❶ Discontinued date may be subject to change.

Migration Options & Application

The CEP7-1 Electronic Overload Relay was designed with migration in mind for customers looking to upgrade from a 2nd gen CEP7.

- CEP7-1 improves application coverage with adjustable Trip Class 10 and 20 for the basic CEP7-1EE model
- Identical mounting footprint to CEP7 for directmount configurations with Series CA7 (IEC) and CAN7 (NEMA) contactors

- Equivalent overload performance, features, and wiring as compared to 2nd gen CEP7
- CEP7-1 offers optional accessory modules which can be front-mounted on series CA7/CAN7 contactors for ease-of-access & minimizing panel space

	2nd gen CEP7 O/L Types		3rd gen CEP7-1 O/L Types	
	CEP7-ED1	**CEP7-EE**	**CEP7-1EE**	**CEP7-1EF**
Model	CEP7 Electronic Overload Relay	CEP7 Electronic Overload Relay	CEP7-1 Electronic Overload Relay	CEP7-1 Electronic Overload Relay
Type	Basic	Advanced	Basic	Advanced
Rated Current (Range)	0.1…45A	0.1…800A	0.1…100A (Single- or Three-Phase)	0.1…800A (Single- or Three-Phase)
UL/NEMA Op Voltage, Nominal	600V AC	600V AC	600V AC	600V AC
IEC Op Voltage, Nominal	690V AC	690/1000V AC	690/1000V AC	690/1000V AC
Rated Operating Frequency	50/60 Hz (sinusoidal)	50/60 Hz (sinusoidal)	45…65 Hz	45…65 Hz
Operating Temperature (open)	−20…+60 °C (−4…+140 °F)		−20…+65 °C (−4…+149 °F)	
Overload Type	Electronic	Electronic	Electronic	Electronic
Trip Class (Fixed)	10	-	-	-
Trip Class (Adjustable)	-	10, 15, 20, 30	10, 20	10, 15, 20, 30
Reset Type	Manual Only	Automatic or Manual	Manual Only	Automatic or Manual
Adjustment Range	5:1	5:1	5:1	5:1
Rated Impulse Strength	6kV AC	6kV AC	6kV AC	6kV AC
Phase Loss Protection	Yes	Yes	Yes	Yes
Phase Imbalance Protection	Yes	Yes	Yes	Yes
Overcurrent (Jam) Protection	No	With Accessory	No	With Protection Accessory
Ground (Earth) Protection	No	With Accessory	No	With Protection Accessory
N.C. Trip Contact	Yes	Yes	Yes	Yes
N.O. Alarm Contact	Yes	Yes	Yes	Yes
Contact Rating	N.O./N.C. B600	N.O./N.C. B600	N.O. C600/N.C. B600 (AC) N.O./N.C. R300 (DC)	N.O. C600/N.C. B600 (AC) N.O./N.C. R300 (DC)
Available Mounting Types	Direct and Pass-Thru	Direct and Pass-Thru	Direct and Pass-Thru	Direct and Pass-Thru

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Migration Options & Application

The CEP7-1 Electronic Overload Relay is the newest technology for overload protection and supports both single- and three-phase operation in a single component.

3rd gen 'Basic' model CEP7-1EE	
Current Range	0.1…100 A
Trip Class	10, 20 Adjustable
Reset Mode	Manual Only
Accessories	Reset Adapter, Anti-Tamper Shield, Remote Reset Solenoid, DIN Rail/Panel Adapter

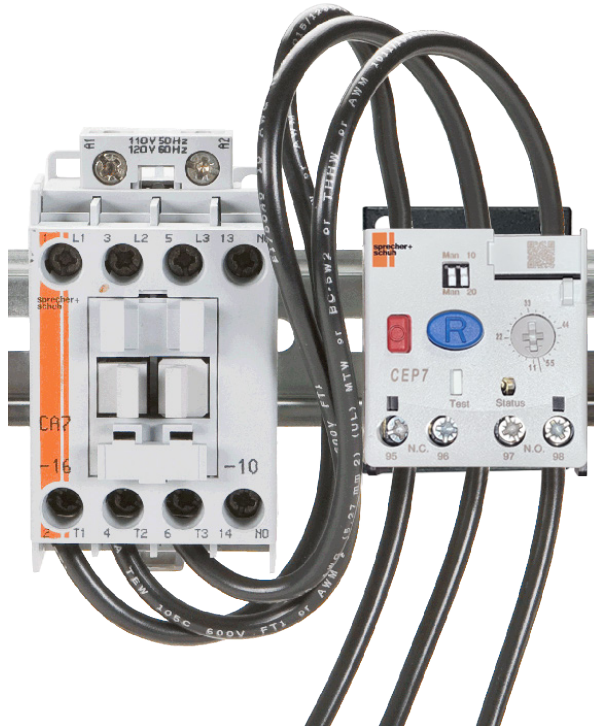| 3rd gen 'Advanced' model CEP7-1EF	
Current Range	0.1…100 A
Trip Class	10, 15, 20, 30 Adjustable
Reset Mode	Automatic and Manual
Accessories	Reset Adapter, Anti-Tamper Shield, Remote Reset Solenoid, DIN Rail/Panel Adapter, Electronic Remote Reset Accessory, GF and Jam Accessory

Ideal Applications

- Conveyors
- Pumps
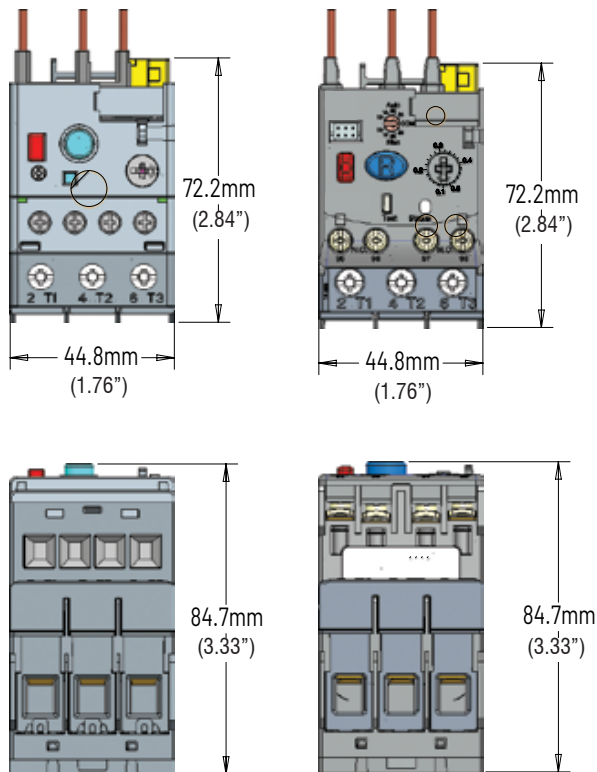- Fans
- Process

Usability

- Multiple trip class options
- Selectable reset modes
- Wide current range
- Additional modules for enhanced functionality
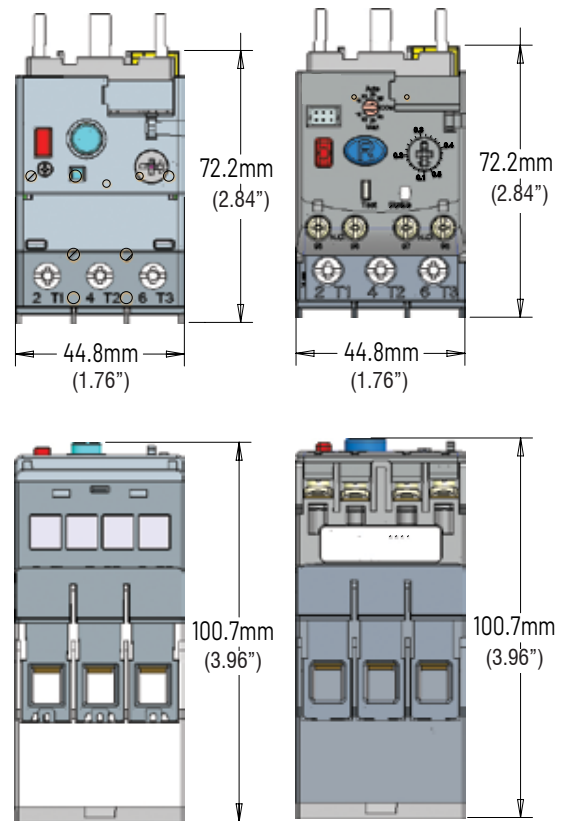
Dimensional Comparison of CEP7 to CEP7-1

The mounting footprint of the CEP7 as compared to the CEP7-1 is identical for direct-mount configurations with CA7/CAN7 contactors. The mounting footprint of the CEP7 and CEP7-1 pass-thru versions is also relatively the same however the CEP7-1 offers an extended current sensing range by comparison. In addition, the CEP7-1 offers its own dedicated selection of DIN rail/panel-mount adapters.
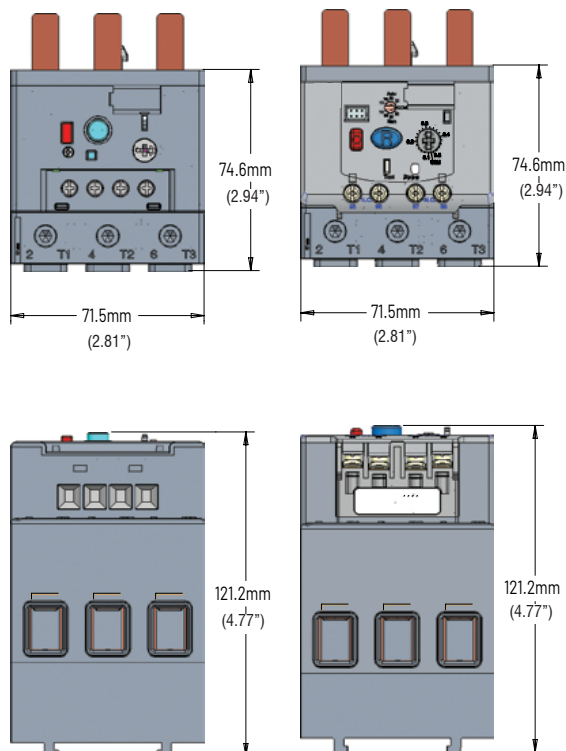
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CEP7 vs CEP7-1 – for CEP7-1___B

72.2mm (2.84")

44.8mm (1.76")

72.2mm (2.84")

44.8mm (1.76")

84.7mm (3.33")

84.7mm (3.33")

CEP7 vs CEP7-1 – for CEP7-1___D

72.2mm (2.84")

44.8mm (1.76")

72.2mm (2.84")

44.8mm (1.76")

100.7mm (3.96")

100.7mm (3.96")

CEP7 vs CEP7-1 – for CEP7-1___E

74.6mm (2.94")

71.5mm (2.81")

74.6mm (2.94")

71.5mm (2.81")
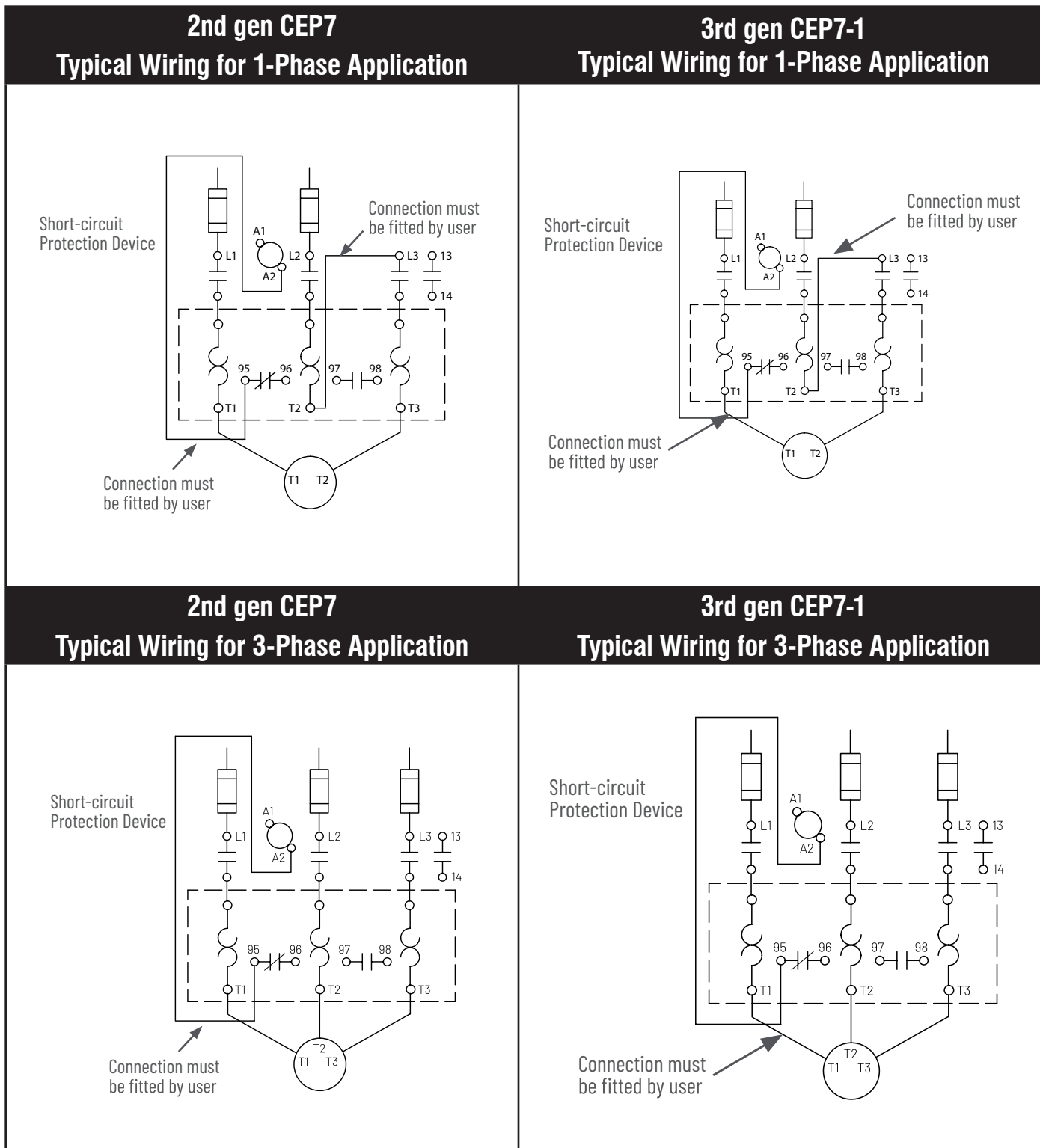
121.2mm (4.77")

121.2mm (4.77")

Dimensions are shown in millimeters (inches). Drawing scales vary by size of contactors and are intended to provide approximate visual comparisons only.

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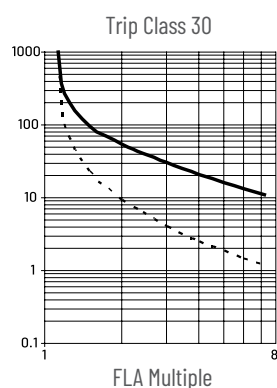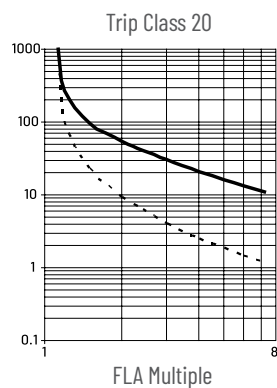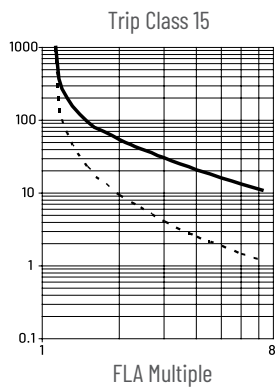## Electrical Comparison of CEP7 to CEP7-1

The terminal layout of the CEP7-1 is identical to that of the 2nd gen CEP7 overload. In addition, the CEP7-1 offers a front-mounted communication port to connect optional accessory modules.

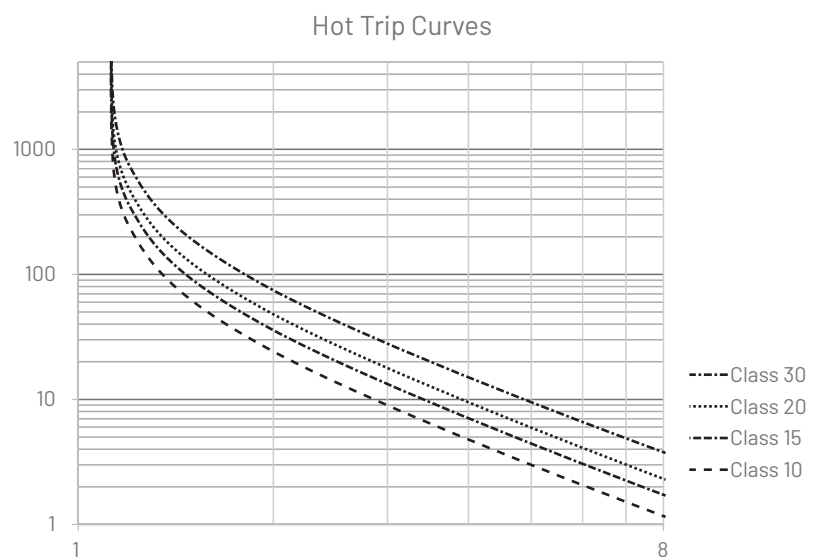| 2nd gen CEP7 Typical Wiring for 1-Phase Application	3rd gen CEP7-1 Typical Wiring for 1-Phase Application

2nd gen CEP7 Typical Wiring for 3-Phase Application	3rd gen CEP7-1 Typical Wiring for 3-Phase Application

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Electrical Comparison of CEP7 to CEP7-1

CEP7 Overload Trip Curves	CEP7-1 Overload Trip Curves

CEP7 Overload Trip Curves

Trip Class 10

FLA Multiple

Trip Class 15

FLA Multiple

Trip Class 20

FLA Multiple

Trip Class 30

FLA Multiple

CEP7-1 Overload Trip Curves

Cold Trip Curves

Class 30
Class 20
Class 15
Class 10

Hot Trip Curves

Class 30
Class 20
Class 15
Class 10
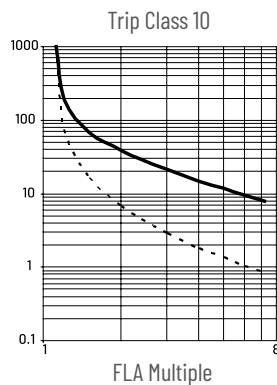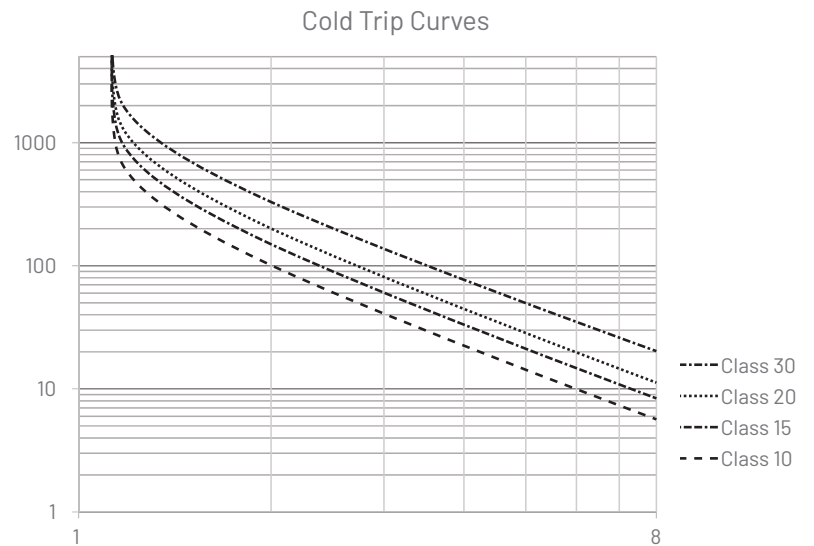
Configuration Comparison of CEP7 to CEP7-1

CEP7 to CEP7-1 Device Settings Layout	
2nd gen CEP7	**3rd gen CEP7-1**

The CEP7-1 Overload Relay used with either the optional CEP7-1EGJ ground fault/jam or CEP7-1ERR electronic remote reset accessory modules offer a diagnostic LED status indicator. Which can provide the operating state of the CEP7-1 relay and also fault/status blink codes (note: the referenced accessory modules require externally supplied power so in the event of a fault condition, the LED status indicator will remain operational).

Status Indicator Color	Solid/Flashing	Description	Solution
Green	Flashing	Module powered	-
	Solid	Module powered and motor current present	-
Amber	Flashing	Warning	-
Red	Flashing	Fault detected and overload relay tripped	-
	Solid	Hardware fault; internal hardware fault detected and overload relay trip attempted	• Recover fault by cycling overload relay accessory supply voltage • Verify that the supply voltage is within limits • Verify the wiring to the terminals is correct • Verify that the pins that connected the accessory to the overload relay are not damaged or misaligned • Verify the operating temperature of the devices is within specification limits

The status LED indicates the module status by flashing a red trip code. The number of flashes followed by a pause identifies the specific trip code as shown in the table.

CEP7 to CEP7-1 Networking Options

The 2nd gen CEP7 product family (CEP7-ED1/EE version) included a side-mount accessory module that offered the EtherNet/IP communication protocol. For customers seeking a Sprecher+Schuh's overload solution that supports networked communication, please consider the CEP9 electronic overload relay product family.

The CEP9 Electronic Overload Relay provides a flexible design and advanced intelligence. With real-time motor diagnostic information to proactively indicate when a motor is having a problem allowing you to efficiently troubleshoot. The CEP9 Electronic Overload Relay offers EtherNet/IP connectivity which

No. of Flashes	Trip Type
1	Overload Trip
2	Phase Loss
3	Ground Fault
5	Jam
8	Short Circuit
10	COM Loss ❶
11	Test Trip

can be effectively adapted to those applications using a legacy E1 Plus networked overload solution. The figure below provides a high-level overview of Rockwell Automation's global tiered overload portfolio offering.

S+S Overload Overview

Basic	Performance	Premium

CT7N
(Thermal Bimetallic)

CEP7-1
(Electronic)

CEP9
(Parameter)

CEP9
(Networked)

❶ If you experience repeated COM Loss trips, this may be due to a damaged communication interface cable. To test whether this is the case, unplug the communication interface cable from the communication port and wait at least 3 seconds before re-connecting. If the issue persists, consider replacing the communication interface cable.

Component Cross-reference Information

For this particular component migration, there are two types of replacement categories as classified by Rockwell Automation. The following table references both replacement categories depending on the overload configuration. Examples of both categories are also provided below but are for reference only. Other configurations can and will vary by application.

Direct Replacement: a product that can be used in place of an earlier product without any user modifications or adjustments. A direct replacement provides backwards compatible form, fit, and function by emulating the earlier product.

Engineered Replacement: a product or family that can be used to migrate an earlier product or family and requires engineering changes to existing applications. An engineered replacement means that there is a form, fit or function change of the application that is not backward compatible and that does not emulate the earlier product.

Example #1 – CEP7/CEP7-1 Direct- Mount to CA7
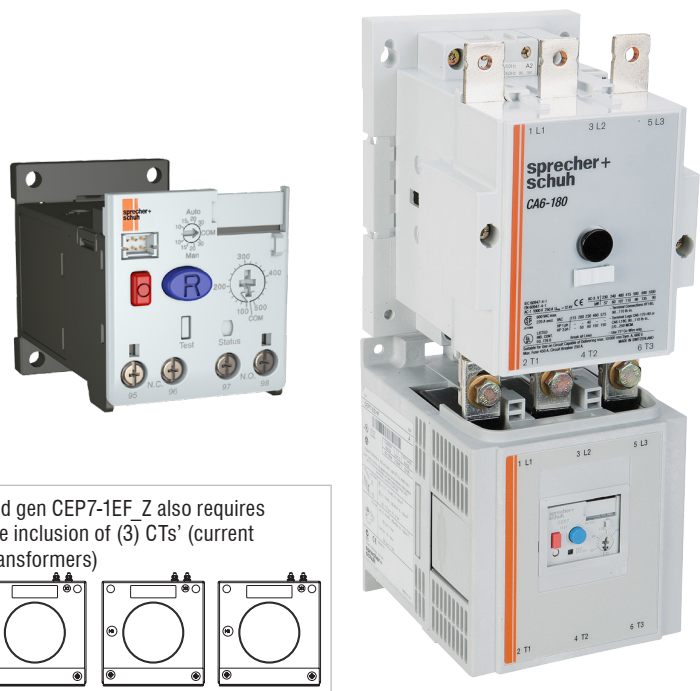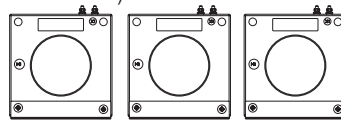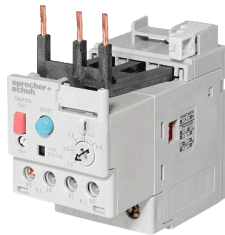
DIRECT REPLACEMENT
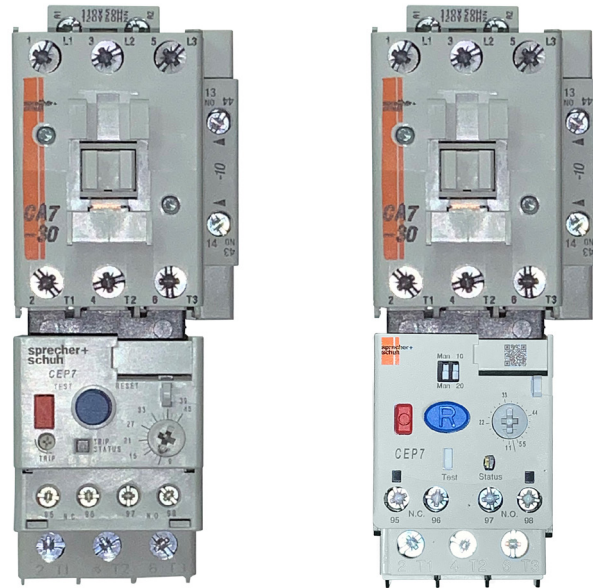
**Example #2 – CEP7 Mounted to CA6
Contactor/CEP7-1 Pass-Thru Overload Requiring External CTs**

ENGINEERED REPLACEMENT

3rd gen CEP7-1EF_Z also requires the inclusion of (3) CTs' (current transformers)

Directly Mounted CEP7 Solid State Overload Relays

For Use With	2nd Generation			3rd Generation	
	Amp Range	Catalog No.		Amp Range	Catalog No.
Class 10 Manual Reset for 3Ø Applications			**Class 10/20 - Manual Only**		
CA7-9…CA7-23 CAN7-12, CAN7-16	0.1…0.5	CEP7-ED1AB	functional replacement →	0.1…0.5	CEP7-1EEAB
	0.2…1.0	CEP7-ED1BB	functional replacement →	0.2…1.0	CEP7-1EEBB
	1.0…5.0	CEP7-ED1CB	functional replacement →	1.0…5.0	CEP7-1EECB
	3.2…16	CEP7-ED1DB	functional replacement →	3.2…16	CEP7-1EEDB
	5.4…27	CEP7-ED1EB	functional replacement →	5.4…27	CEP7-1EEEB
CA7-30…CA7-55 CAN7-37, CAN7-43	1.0…5.0	CEP7-ED1CD	functional replacement →	1.0…5.0	*no direct replacement;* CEP7-1EECP
	3.2…16	CEP7-ED1DD	functional replacement →	3.2…16	*no direct replacement;* CEP7-1EEDP
	5.4…27	CEP7-ED1ED	functional replacement →	5.4…27	CEP7-1EEED
	9…45	CEP7-ED1FD	functional replacement →	11…55A	CEP7-1EEFD

For Use With	2nd Generation			3rd Generation	
Class 10...30 Automatic or Manual Reset for 3Ø Applications			**Class 10...30 - Automatic or Manual**		
CA7-9…CA7-23 CAN7-12, CAN7-16	0.1…0.5	CEP7-EEAB	functional replacement →	0.1…0.5	CEP7-1EFAB
	0.2…1.0	CEP7-EEBB	functional replacement →	0.2…1.0	CEP7-1EFBB
	1.0…5.0	CEP7-EECB	functional replacement →	1.0…5.0	CEP7-1EFCB
	3.2…16	CEP7-EEDB	functional replacement →	3.2…16	CEP7-1EFDB
	5.4…27	CEP7-EEEB	functional replacement →	5.4…27	CEP7-1EFEB
CA7-30...CA7-55 CAN7-37, CAN7-43	1.0…5.0	CEP7-EECD	functional replacement →	1.0…5.0	*no direct replacement;* CEP7-1EFCP
	3.2…16	CEP7-EEDD	functional replacement →	3.2…16	*no direct replacement;* CEP7-1EFDP
	5.4…27	CEP7-EEED	functional replacement →	5.4…27	CEP7-1EFED
	9…45	CEP7-EEFD	functional replacement →	11…55	CEP7-1EFFD
	11…55	CEP7-EEQD	functional replacement →	11…55	CEP7-1EFFD
CA7-60...CA7-97 CAN7-85	5.4…27	CEP7-EEEE	functional replacement →	5.4…27	*no direct replacement;* CEP7-1EFEP
	9…45	CEP7-EEFE	functional replacement →	11…55	*no direct replacement;* CEP7-1EFFD + CEP7-1EPD
	18…90	CEP7-EEGE	functional replacement →	20…100	CEP7-1EFGE
	60…120	CEP7-EEVE	functional replacement →	20…100	CEP7-1EFGE

For Use With	2nd Generation			3rd Generation	
Class 10...30 Automatic or Manual Reset for 1Ø Applications			**Class 10...30 - Automatic or Manual**		
CA7-9…CA7-23 CAN7-12…CAN7-16	1.0…5.0	CEP7S-EEPB	functional replacement →	1.0…5.0	CEP7-1EFCB
	3.2…16	CEP7S-EERB	functional replacement →	3.2…16	CEP7-1EFDB
	5.4…27	CEP7S-EESB	functional replacement →	5.4…27	CEP7-1EFEB
CA7-30…CA7-43 CAN7-37…CAN7-43	9…45	CEP7S-EETD	functional replacement →	11…55	CEP7-1EFFD
CA7-60…CA7-97 CAN7-85	18…90	CEP7S-EEUE	functional replacement →	20…100	CEP7-1EFGE

Component Cross-reference Table

For Use With	2nd Generation			3rd Generation	
	Amp Range	Catalog No.		Amp Range	Catalog No.
Class 10 Manual Reset for 3Ø Applications			**Class 10/20 - Manual**		
CA8-09…12	1.0…5.0	**CEP7-ED1CP**	functional replacement →	1.0…5.0	**CEP7-1EECP**
CA7-9…CA7-23	3.2…16	**CEP7-ED1DP**	functional replacement →	3.2…16	**CEP7-1EEDP**
CAN7-12…CAN7-37	5.4…27	**CEP7-ED1EP**	functional replacement →	5.4…27	**CEP7-1EEEP**
Class 10...30 Automatic or Manual Reset for 3Ø Applications			**Class 10...30 - Automatic or Manual**		
CA8-09…12	1.0…5.0	**CEP7-EECP**	functional replacement →	1.0…5.0	**CEP7-1EFCP**
CA7-9…CA7-23	3.2…16	**CEP7-EEDP**	functional replacement →	3.2…16	**CEP7-1EFDP**
CAN7-12…CAN7-37	5.4…27	**CEP7-EEEP**	functional replacement →	5.4…27	**CEP7-1EFEP**
Class 10...30 Automatic or Manual Reset for 1Ø Applications			**Class 10...30 - Automatic or Manual**		
CA8-09…12	1.0…5.0	**CEP7S-EEPP**	functional replacement →	1.0…5.0	**CEP7-1EFCP**
CA7-9…CA7-23	3.2…16	**CEP7S-EERP**	functional replacement →	3.2…16	**CEP7-1EFDP**
CAN7-12…CAN7-37	5.4…27	**CEP7S-EESP**	functional replacement →	5.4…27	**CEP7-1EFEP**

For Use With	Amp Range	Catalog No.		3rd Generation Catalog No.
Class 10...30 Automatic or Manual Reset for 3Ø Applications			**Class 10...30 - Automatic or Manual**	
CA6-115…CA6-180 CA6-115-EI…CA6-180-EI CAN6-180(EI)	30…150	**CEP7-EEHF**	functional replacement →	*no direct replacement;* **CEP7-CT-UL-300** *(UL approved)* + *(plus)* **CEP7-1EFKZ** *for 60…300A range*
	40…200	**CEP7-EEJF**	functional replacement →	*no direct replacement;* **CEP7-CT-UL-300** *(UL approved)* + *(plus)* **CEP7-1EFKZ** *for 60…300A range*
CA6-210-EI…CA6-420-EI CAN6-300-EI	40…200	**CEP7-EEJG**	functional replacement →	*no direct replacement;* **CEP7-CT-UL-300** *(UL approved)* + *(plus)* **CEP7-1EFKZ** *for 60…300A range*
	60…300	**CEP7-EEKG**	functional replacement →	*no direct replacement;* **CEP7-CT-UL-300** *(UL approved)* + *(plus)* **CEP7-1EFKZ** *for 60…300A range*
	100…500	**CEP7-EELG**	functional replacement →	*no direct replacement;* **CEP7-CT-UL-600** *(UL approved)* + *(plus)* **CEP7-1EFMZ** *for 120…600A range*
CA6-630-EI…CA6-860-EI	120…600	**CEP7-EEMH**	functional replacement →	*no direct replacement;* **CEP7-CT-UL-600** *(UL approved)* + *(plus)* **CEP7-1EFMZ** *for 120…600A range*
	160…800	**CEP7-EENH**	~	*no direct replacement*
CA9-116(EI)…CA9-146(EI)	30…150	**CEP7-EEHJ**	functional replacement →	*no direct replacement;* **CEP7-CT-UL-300** *(UL approved)* + *(plus)* **CEP7-1EFKZ** *for 60…300A range*
CA9-190(EI)…CA9-205(EI)	40…200	**CEP7-EEJJ**	functional replacement →	*no direct replacement;* **CEP7-CT-UL-300** *(UL approved)* + *(plus)* **CEP7-1EFKZ** *for 60…300A range*

For Use With		Catalog No.		3rd Generation
Load Side Lugs & Accessories for Use with Contactors Only				
CEP7-EEHF, CEP7-EEJF		**CA6-HB2**	functional replacement →	*no direct replacement*
CEP7-EEJG, CEP7-EEKG, CEP7-EELG, CEP7-EEHJ		**CA6-HB3**	functional replacement →	*no direct replacement*
CEP7-EEHF...EP7-EEJF		**CA6-L180**	functional replacement →	*no direct replacement*
CEP7-EEJG, CEP7-EEKG, CEP7-EELG, CEP7-EEJJ		**CA6-L420**	functional replacement →	*no direct replacement*
CEP7-EEMH, CEP7-EENH		**CA6-L630**	functional replacement →	*no direct replacement*
CEP7-EEMH, CEP7-EENH		**CA6-L860**	functional replacement →	*no direct replacement*
CA6-115(-EI) to 180(-EI)		**CA6-TC180**	functional replacement →	*no direct replacement*
CA6-210-EI to 420-EI		**CA6-TC420**	functional replacement →	*no direct replacement*
CA6-630-EI to 860-EI		**CA6-TC860**	functional replacement →	*no direct replacement*

| For Use With	2nd Generation			3rd Generation	
	Amp Range	Catalog No.		For Use With	Catalog No.
Side Mount Modules					
Side-mount to any CEP7-EE_, CEP7S-EE_		CEP7-ERR	functional replacement →	*CEP7-1EF*	**CEP7-1ERR**
		CEP7-EJM	functional replacement →	*CEP7-1EF*	**CEP7-1EGJ**
		CEP7-EPT	functional replacement →		*no direct replacement*
		CEP7-ETN	functional replacement →		*no direct replacement*
Side-mount to any CEP7-EE_CEP7S-EE_ Must used with CEP7-CBCT_ Current Sensor		CEP7-EGF	functional replacement →	*CEP7-1EF*	**CEP7-1EGJ**
		CEP7-EGJ	functional replacement →	*CEP7-1EF*	**CEP7-1EGJ**
All modules with DIP Switches		CEP7-EMC	functional replacement →	*CEP7-1EGJ*	**CEP7-1EMC**
CEP7 Ground Fault Sensor Selection					
For use with CEP7-EGF and CEP7-EGJ and contactor...	CA7-9...CA7-37 / 45A	CEP7-CBCT1	functional replacement →		*still current*
	CA7-9...CA7-85 / 90A	CEP7-CBCT2	functional replacement →		*still current*
	CA7-9...CA9-190 / 180A	CEP7-CBCT3	functional replacement →		*still current*
	CA7-9...CA9-400 / 420A	CEP7-CBCT4	functional replacement →		*still current*
Accessories					
CEP7-EJM, CEP7-EGF, CEP7-EGJ, CEP7-EPT, CEP7-ERR		CEP7-ERID	functional replacement →	*CEP7-1ERR, CEP7-1EGJ*	**CEP7-ERID**
CEP7-ERID		CEP7-NCRID	functional replacement →	*CEP7-1ERR, CEP7-1EGJ*	**CEP7-1ERIDN**
CEP7-ED1...B, CEP7(S)-EE...B		CEP7-EPB	functional replacement →	*CEP7-1__B*	**CEP7-1EPB**
CEP7-ED1...D, CEP7(S)-EE...D		CEP7-EPD	functional replacement →	*CEP7-1__D*	**CEP7-1EPD**
CEP7(S)-EE...E		CEP7-EPE	functional replacement →	*CEP7-1__E*	**CEP7-1EPE**
all CEP7-ED1, CEP7-EE		CEP7-BC8	functional replacement →	*CEP7-1__*	**CEP7-1BC8**
CEP7 all		CEP7-EMR*	functional replacement →	*CEP7-1__*	**CEP7-1EMR***
CEP7-ED1(all), CEP7-EE_B, CEP7-EE_D, CEP7-EE_E, CEP7-EE_P		CEP7-ERA	functional replacement →	*CEP7-1__*	**CEP7-1ERA**
CEP7 Intelli-button Reset kit with Side Mount Module					
Remote Reset Only		CEP7-IB1	functional replacement →	*CEP7-1EF*	**CEP7-1IB1**
Jam and Remote Reset		CEP7-IB2	functional replacement →	*CEP7-1EF*	**CEP7-1IB2**
Thermistor Relay and Remote Reset		CEP7-IB3	functional replacement →		*no direct replacement*
Ground Fault and Remote Reset		CEP7-IB4	functional replacement →	*CEP7-1EF*	**CEP7-1IB4**
		CEP7-IB5	functional replacement →	*CEP7-1EF*	**CEP7-1IB5**
		CEP7-IB6	functional replacement →		*no direct replacement*
		CEP7-IB7	functional replacement →		*no direct replacement*
Ground Fault and Jam and Remote Reset Module		CEP7-IB8	functional replacement →	*CEP7-1EF*	**CEP7-1IB8**
		CEP7-IB9	functional replacement →	*CEP7-1EF*	**CEP7-1IB9**
		CEP7-IB10	functional replacement →		*no direct replacement*
		CEP7-IB11	functional replacement →		*no direct replacement*

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INDUSTRIAL MOTOR CONTROL + PROTECTION
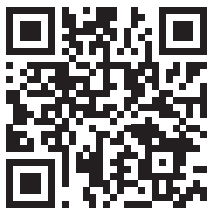
Product Migration:

Electronic Overload Relay - CEP7 to CEP7-1

Sprecher + Schuh has provided reliable control and protection solutions for its customers since 1903.

Today, Sprecher + Schuh offers a wide range of low-voltage industrial control products, including contactors, a variety of relays, starters, push buttons, switches, terminals and controllers, to name a few. All of our products are crafted with precision and tested rigorously for performance — far exceeding industry standards. Moving forward, we continue along the path of constantly seeking innovative ways to provide solutions for our customers. It is by this philosophy that Sprecher + Schuh has come to be the industrial control manufacturer of choice for many customers around the globe seeking quality, reliability, and a name they can trust.