

# C440 Electronic Overload Relay



## C440 – Overview

Eaton's new solid-state overload relay (SSOL) is the most compact, high featured, economical product in its class. Designed on a global platform, the new SSOL covers the entire power control spectrum including NEMA, IEC and DP contactors. The NEMA and DP versions are offered with the C440 designation while the IEC offering includes the XTOE version. The electronic design provides reliable, accurate and value driven protection, and communications capabilities in a single compact device. It is the flexible choice for any application requiring easy-touse, reliable protection.

- Reliable, accurate, solid-state motor protection
- Easy to select, install and maintain
- Compact size and flexible, intelligent design
- Global product offering—available with NEMA, IEC and DP power control

### C440 Electronic Overload Relays for Direct Mount to Freedom Series Contactors

For Use with Freedom NEMA Contactor Size	For Use with Contactor ①	Overload Range (Amps)	Catalog Number
00	CN15AN3_B	0.33–1.65	C440A1A1P6SF00
		1–5	C440A1A005SF00
		4–20	C440A1A020SF00
0	CN15BN3_B	0.33–1.65	C440A1A1P6SF0
		1–5	C440A1A005SF0
		4–20	C440A1A020SF0
1	CN15DN3_B	0.33–1.65	C440A1A1P6SF1
		1–5	C440A1A005SF1
		4–20	C440A1A020SF1
2	CN15GN3_B	1–5	C440A1A005SF2
		4–20	C440A1A020SF2
		9–45	C440A1A045SF2
3	CN15KN3_	20–100	C440B1A100SF3
4	CN15NN3_	1–5 ②	C440A1A005SAX
5	CN15SN3_	1–5 ②	C440A1A005SAX

### C440 Electronic Overload Relays with Ground Fault for Direct Mount to Freedom Series Contactors

For Use with Freedom NEMA Contactor Size	For Use with Contactor ①	Overload Range (Amps)	Catalog Number
00	CN15AN3_B	0.33–1.65	C440A2A1P6SF00
		1–5	C440A2A005SF00
		4–20	C440A2A020SF00
0	CN15BN3_B	0.33–1.65	C440A2A1P6SF0
		1–5	C440A2A005SF0
		4–20	C440A2A020SF0
1	CN15DN3_B	0.33–1.65	C440A2A1P6SF1
		1–5	C440A2A005SF1
		4–20	C440A2A020SF1
2	CN15GN3_B	1–5	C440A2A005SF2
		4–20	C440A2A020SF2
		9–45	C440A2A045SF2
3	CN15KN3_	20–100	C440B2A100SF3
4	CN15NN3_	1–5 ②	C440A2A005SAX
5	CN15SN3_	1–5 ②	C440A2A005SAX

### C440 Electronic Overload Relays for Separate Mount

Overload Range	Frame Size	Overload Relay Catalog Number	With Ground Fault Catalog Number
0.33–1.65	45 mm	C440A1A1P6SAX	C440A2A1P6SAX
1–5		C440A1A005SAX	C440A2A005SAX
4–20		C440A1A020SAX	C440A2A020SAX
9–45		C440A1A045SAX	C440A2A045SAX
20–100	55 mm	C440B1A100SAX	C440B2A100SAX

#### Notes

- ① CN15 contactor listed is non-reversing with a 120 Vac coil. For more options, see **Tab 33** in the Controls Catalog.
- ② Starters available with 60–300A CTs and C440A1A005SAX overload relay.

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