Definite Purpose Contactors and Starters



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Product Overview

Eaton offers the most complete line of Definite Purpose (DP) contactors in the industry. Designed for heating, ventilation, air conditioning and refrigeration (HVACR) applications, Eaton's DP contactors are designed to handle the most challenging installations.

Application Description

These ampere and horsepower rated devices from Eaton's electrical sector are designed for service in applications such as refrigeration, air conditioning and resistance heating and are manufactured to traditional standards for quality and reliability. They are subjected to stringent quality assurance inspections and testing procedures. The life expectancy, both electrical and mechanical, will meet or exceed industry performance requirements for Definite Purpose devices.

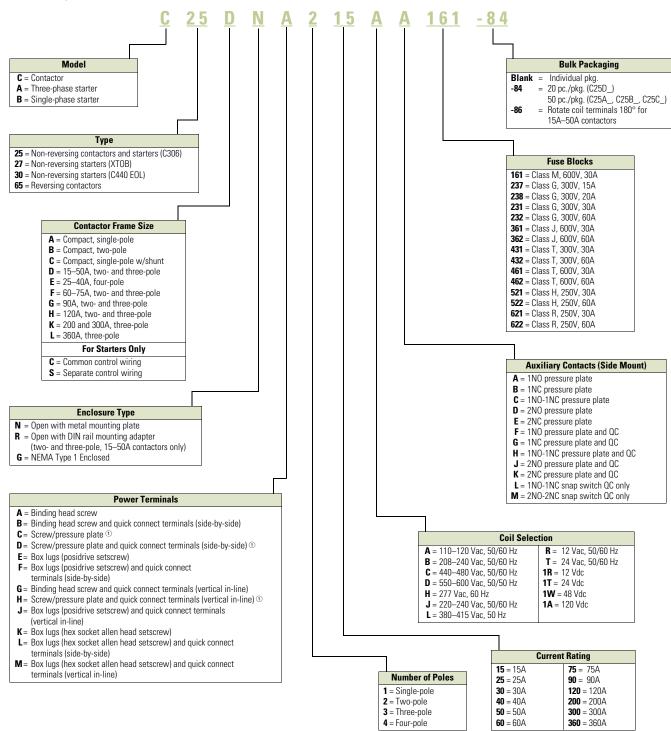
If more detailed technical information is required— specifications, ratings, and so on—contact your local Eaton distributor or sales office.

Features

- Completely encased design impervious to dust and other environmental elements
- 15–360A contactor ratings
- Single-, two-, three- and four-pole configurations
- Contactors and starters (up to 60A)
- Open components and enclosed designs

Catalog Number Selection

Definite Purpose Control—Contactors and Starters



Note

1 Not available on 50A devices.

15–75A, Reversing and Two-Speed—C65



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15–75A, Reversing and Two-Speed—C65

Product Description

C65 Reversing Contactors from Eaton's electrical sector are furnished with pressure plates and quick connect terminals as standard on 15, 25 and 30A devices and with box lugs and quick connect terminals on 40, 50, 60 and 75A.

Other terminal configurations are available—see Factory Installed Options on **Page V5-T4-13**. Reversing contactors will accept add-on auxiliary contacts on either side—order factory assembled or as kits for field installation. See **Page V5-T4-13**.

Standards and Certifications

- UL Recognized Components UL File #E-1491, Guide NLDX2
- CSA Certified Components File #LR353, Guide 380w-1.14 Class 3211 04
- CE

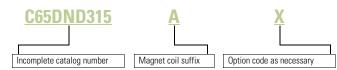






Catalog Number Selection

15-75A, Reversing and Two-Speed-C65



When Ordering Specify

- Catalog number plus magnet coil suffix, see Page V5-T4-22
- Catalog numbers of accessory kits required, see Accessories, Page V5-T4-11
- Modify catalog number for any options required, see Options, Page V5-T4-13

Product Selection

C65 Reversing

Open Type Contactors - Unwired, Mechanically Interlocked Only



Ampere Rating			(hp)		(kW)	(kW)		Open Type with Metal		
Inductive Full Load	Resistive per Pole	Line Voltage	Locked Rotor	Single- Phase	Three- Phase	Single- Phase	Three- Phase	Number of Poles	Mounting Plate Catalog Number ①	Rail Adapter Catalog Number ①
15 20	•		90	3/4		0.40		2	C65DND215_	C65DRD215_
	20	115								
		230	90	2	3	1.5	2.2	3	C65DND315_	C65DRD315_
		460	75	_	5		3.7	_	C65DND315_	C65DRD315_
		575	60		5		3.7		C65DND315_	C65DRD315_
25	35	115	150	2	_	1.5	_	2	C65DND225_	C65DRD225_
		230	150	3	7-1/2	2.2	5.5	3	C65DND325_	C65DRD325_
		460	125	_	10	_	7.5		C65DND325_	C65DRD325_
		575	100	_	10	_	7.5		C65DND325_	C65DRD325_
30 40	40	115	180	2	_	1.5	_	2	C65DND230_	C65DRD230_
		230	180	5	10	3.7	7.5	3	C65DND330_	C65DRD330_
		460	150	_	15	_	11	_	C65DND330_	C65DRD330_
		575	120	_	15	_	11		C65DND330_	C65DRD330_
40 5	50	115	240	3	_	2.2	_	2	C65DNF240_	C65DRF240_
		230	240	7-1/2	10	5.5	7.5	3	C65DNF340_	C65DRF340_
		460	200	_	20	_	15		C65DNF340_	C65DRF340_
		575	160	_	20	_	15		C65DNF340_	C65DRF340_
50 65	65	115	300	3	_	2.2	_	2	C65DNJ250_	C65DRJ250_
		230	300	10	15	7.5	11	3	C65DNJ350_	C65DRJ350_
		460	250	_	30	_	22		C65DNJ350_	C65DRJ350_
		575	200	_	30	_	22	_	C65DNJ350_	C65DRJ350_
60	75	115	360	5	_	3.7	_	2	C65FNF260_	N/A
		230	360	10	20	7.5	15	3	C65FNF360_	N/A
		460	300	_	40	_	30		C65FNF360_	N/A
		575	240	_	40	_	30		C65FNF360_	N/A
75	90	115	450	5	_	3.7	_	2	C65FNF275	N/A
		230	450	15	20	11	18.5	3	C65FNF375	N/A
		460	375		50		37	<u></u> -	C65FNF375	N/A
		575	300	_	50	_	37	_	C65FNF375	N/A

Note

① Incomplete catalog number. Replace underscore (_) with magnet coil suffix from Page V5-T4-22.

Magnet Coil Suffix

50 Hz	Coil Suffix ①
12	R
24	T
110-120 ②	A
208–240	В
220	J
_	Н
380–415	L
440-480	C
550-600	D
	12 24 110–120 ® 208–240 220 — 380–415 440–480

Magnet Coil Options

Description

Extra dual quick connect terminals ("U" shaped) for magnet coil terminals. To order, add Suffix Number 9 to the complete catalog number. Example: C65DND315A9.

Notes

- Class H AC coils available as option for 15A–50A contactor. Add 2 before AC coil suffix letter.
- ② 104-120V 50/60 Hz for 60A, 75A.
- 3 Available through 50A.