

Time saving

Main advantages

Double box terminals

Identical torque (2.2 Nm) for 9A up to 40A contactors.
No need for different screwdrivers.

- Double box clamps for the whole range
- Cables from 0.75mm² up to 16mm² in the same box clamps terminal for 4kW up to 18.5kW.
- No risk for loosening cables
- Avoid temperature rising on the small cable

No tools needed

Mounting or dismounting the contactors on/from the DIN-rail can be done without tools.
Even for the mounting of accessories and auxiliaries to the contactor no tools are required.

Quick assembly of direct online starter

- User friendly design of link modules and base plates to combine manual motor starter and contactor.
- Smart busbar systems and wiring kits.

Easy identification

Self explanatory description of the catalogue number is an important advantage

Example: EC 09 A 3 11 B 230

EC: Means Efficor Contactor range

09: 9A in AC3 application

A: Type of control voltage

A stands for AC

D stands for DC

3: Number of main poles

3 stands for 3 poles

4 stands for 4 poles

B stands for 2NO + 2NC

11: Number of auxiliary contacts built-in 1NO and 1NC

B: Type of terminal

B stands for Box terminal

R stands for Ring terminal

230: Coil voltage

W: End character for DC contactors

W stands for Wide voltage and built-in diode

L stands for Low consumption



Benefits

Intro

A

B

C

D

E

F

G

H

I

J/X



New

A.5

3 pole contactors - Double box terminals

Max. operating current		Admissible power AC3				Electrical endurance	Aux. cont.		Control circuit							
Not inductive load AC1 A	Motors <440V 3Ph 50/60Hz AC3 A	220-230V kW HP	380-400V kW HP	440V kW HP	500V kW HP	Cat. AC3 Operations	NO	NC	AC			DC			Pack	
									Voltage	Cat. no.	Ref. no.	Voltage	Cat. no. ^[1]	Ref. no.		
	25	9	2.2 3	4 5.5	4 5.5	5.5 7.5	1.7x10 ⁶	1	1	12	EC09A311B012	267001	12	EC09D311B012W	267085	5
								1	1	24	EC09A311B024	267002	24	EC09D311B024W	267086	5
								1	1	42	EC09A311B042	267003	36	EC09D311B036W	267087	5
								1	1	48	EC09A311B048	267004	48	EC09D311B048W	267088	5
								1	1	110	EC09A311B110	267005	60	EC09D311B060W	267089	5
								1	1	120	EC09A311B120	267006	72	EC09D311B072W	267090	5
								1	1	208	EC09A311B208	267007	110	EC09D311B110W	267091	5
								1	1	230	EC09A311B230	267008	125	EC09D311B125W	267092	5
								1	1	240	EC09A311B240	267009	230	EC09D311B230W	267093	5
								1	1	400	EC09A311B400	267010	250	EC09D311B250W	267094	5
								1	1	440	EC09A311B440	267011	440	EC09D311B440W	267095	5
								1	1	480	EC09A311B480	267012	24	EC09D311B024L	267096	5
								1	1	500	EC09A311B500	267013	48	EC09D311B048L	267097	5
								1	1	575	EC09A311B575	269075	110	EC09D311B110L	267098	5
								1	1	600	EC09A311B600	267014	230	EC09D311B230L	267099	5
	25	12	3 4	5.5 7.5	5.5 7.5	7.5 10	1.7x10 ⁶	1	1	12	EC12A311B012	267015	12	EC12D311B012W	267100	5
								1	1	24	EC12A311B024	267016	24	EC12D311B024W	267101	5
								1	1	42	EC12A311B042	267017	36	EC12D311B036W	267102	5
								1	1	48	EC12A311B048	267018	48	EC12D311B048W	267103	5
								1	1	110	EC12A311B110	267019	60	EC12D311B060W	267104	5
								1	1	120	EC12A311B120	267020	72	EC12D311B072W	267105	5
								1	1	208	EC12A311B208	267021	110	EC12D311B110W	267106	5
								1	1	230	EC12A311B230	267022	125	EC12D311B125W	267107	5
								1	1	240	EC12A311B240	267023	230	EC12D311B230W	267108	5
								1	1	400	EC12A311B400	267024	250	EC12D311B250W	267109	5
								1	1	440	EC12A311B440	267025	440	EC12D311B440W	267110	5
								1	1	480	EC12A311B480	267026	24	EC12D311B024L	267111	5
								1	1	500	EC12A311B500	267027	48	EC12D311B048L	267112	5
								1	1	575	EC12A311B575	269076	110	EC12D311B110L	267113	5
								1	1	600	EC12A311B600	267028	230	EC12D311B230L	267114	5
	32	18	4 5.5	7.5 10	7.5 10	10 13.5	1.7x10 ⁶	1	1	12	EC18A311B012	267029	12	EC18D311B012W	267115	5
								1	1	24	EC18A311B024	267030	24	EC18D311B024W	267116	5
								1	1	42	EC18A311B042	267031	36	EC18D311B036W	267117	5
								1	1	48	EC18A311B048	267032	48	EC18D311B048W	267118	5
								1	1	110	EC18A311B110	267033	60	EC18D311B060W	267119	5
								1	1	120	EC18A311B120	267034	72	EC18D311B072W	267120	5
								1	1	208	EC18A311B208	267035	110	EC18D311B110W	267121	5
								1	1	230	EC18A311B230	267036	125	EC18D311B125W	267122	5
								1	1	240	EC18A311B240	267037	230	EC18D311B230W	267123	5
								1	1	400	EC18A311B400	267038	250	EC18D311B250W	267124	5
								1	1	440	EC18A311B440	267039	440	EC18D311B440W	267125	5
								1	1	480	EC18A311B480	267040	24	EC18D311B024L	267126	5
								1	1	500	EC18A311B500	267041	48	EC18D311B048L	267127	5
								1	1	575	EC18A311B575	269077	110	EC18D311B110L	267128	5
								1	1	600	EC18A311B600	267042	230	EC18D311B230L	267129	5
	45	25	7.5 10	11 15	12 16	15 20	1.5x10 ⁶	1	1	12	EC25A311B012	267043	12	EC25D311B012W	267130	1
								1	1	24	EC25A311B024	267044	24	EC25D311B024W	267131	1
								1	1	42	EC25A311B042	267045	36	EC25D311B036W	267132	1
								1	1	48	EC25A311B048	267046	48	EC25D311B048W	267133	1
								1	1	110	EC25A311B110	267047	60	EC25D311B060W	267134	1
								1	1	120	EC25A311B120	267048	72	EC25D311B072W	267135	1
								1	1	208	EC25A311B208	267049	110	EC25D311B110W	267136	1
								1	1	230	EC25A311B230	267050	125	EC25D311B125W	267137	1
								1	1	240	EC25A311B240	267051	230	EC25D311B230W	267138	1
								1	1	400	EC25A311B400	267052	250	EC25D311B250W	267139	1
								1	1	440	EC25A311B440	267053	440	EC25D311B440W	267140	1
								1	1	480	EC25A311B480	267054	24	EC25D311B024L	267141	1
								1	1	500	EC25A311B500	267055	48	EC25D311B048L	267142	1
								1	1	575	EC25A311B575	269078	110	EC25D311B110L	267143	1
								1	1	600	EC25A311B600	267056	230	EC25D311B230L	267144	1
	60	32	9 12	15 22	15 22	18 25	1.5x10 ⁶	0	0	12	EC32A300B012	267057	12	EC32D300B012W	267145	1
								0	0	24	EC32A300B024	267058	24	EC32D300B024W	267146	1
								0	0	42	EC32A300B042	267059	36	EC32D300B036W	267147	1
								0	0	48	EC32A300B048	267060	48	EC32D300B048W	267148	1
								0	0	110	EC32A300B110	267061	60	EC32D300B060W	267149	1
								0	0	120	EC32A300B120	267062	72	EC32D300B072W	267150	1
								0	0	208	EC32A300B208	267063	110	EC32D300B110W	267151	1
								0	0	230	EC32A300B230	267064	125	EC32D300B125W	267152	1
								0	0	240	EC32A300B240	267065	230	EC32D300B230W	267153	1
								0	0	400	EC32A300B400	267066	250	EC32D300B250W	267154	1
								0	0	440	EC32A300B440	267067	440	EC32D300B440W	267155	1
								0	0	480	EC32A300B480	267068	24	EC32D300B024L	267156	1
								0	0	500	EC32A300B500	267069	48	EC32D300B048L	267157	1
								0	0	575	EC32A300B575	269079	110	EC32D300B110L	267158	1
								0	0	600	EC32A300B600	267070	230	EC32D300B230L	267159	1
	60	40	11 15	18.5 25	22 30	25 34	1.5x10 ⁶	0	0	12	EC40A300B012	267071	12	EC40D300B012W	267160	1
								0	0	24	EC40A300B024	267072	24	EC40D300B024W	267161	1
								0	0	42	EC40A300B042	267073	36	EC40D300B036W	267162	1
								0	0	48	EC40A300B048	267074	48	EC40D300B048W	267163	1
								0	0	110	EC40A300B110	267075	60	EC40D300B060W	267164	1
								0	0	120	EC40A300B120	267076	72	EC40D300B072W	267165	1
								0	0	208	EC40A300B208	267077	110	EC40D300B110W	267166	1
								0	0	230	EC40A300B230	267078	125	EC40D300B125W	267167	1
								0	0	240	EC40A300B240	267079	230	EC40D300B230W	267168	1
								0	0	400	EC40A300B400	267080	250	EC40D300B250W	267169	1
								0	0	440	EC40A300B440	267081	440	EC40D300B440W	267170	1
								0	0	480	EC40A300B480	267082	24	EC40D300B024L	267171	1
								0	0	500	EC40A300B500	267083	48	EC40D300B048L	267172	1
								0	0	575	EC40A300B575	269080	110	EC40D300B110L	267173	1
								0	0	600	EC40A300B600	267084	230	EC40D300B230L	267174	1