



Recommended Selection Charts - IE2/IE3 Motors
EasyPact TVS

schneider-electric.co.in

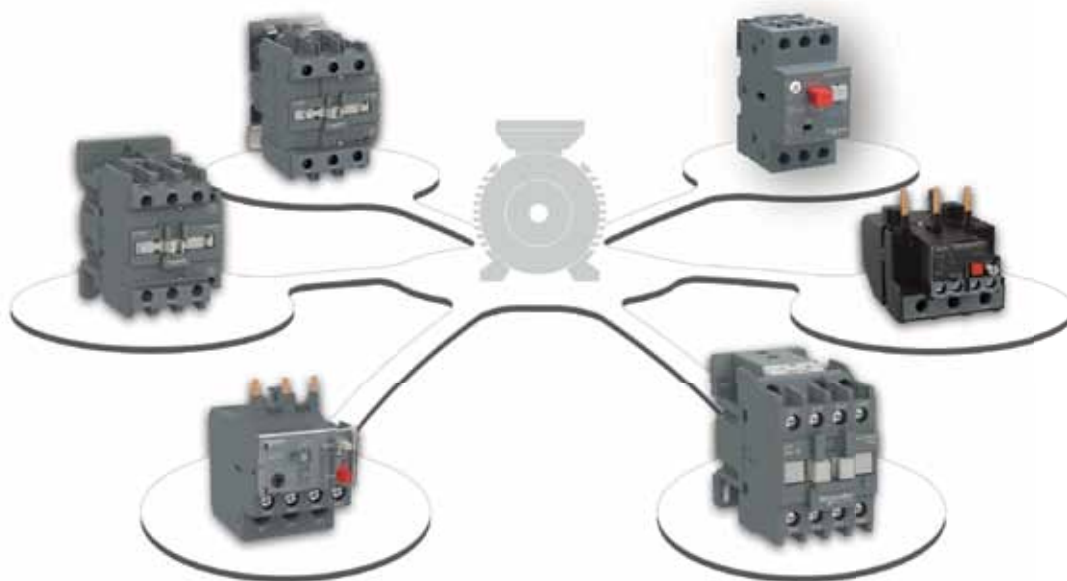
Life Is On

Schneider
Electric

EasyPact TVS

The Easy choice for simplicity and flexibility

- 3 Pole and 4 Pole Power Contactor
- Control Relay
- Thermal Overload Relay
- Circuit Breaker for Motor Protection
- Accessories



Designed for the Essential

90 years of leadership in motor starter technology

EasyPact TVS provide you **Essential** control & protection for your applications:



HVAC



Pumps



Textile



Material Handling



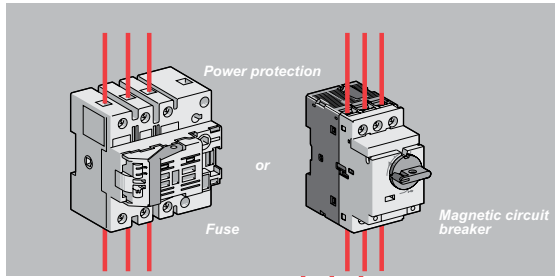
Packaging



2 principles to build your starter solution

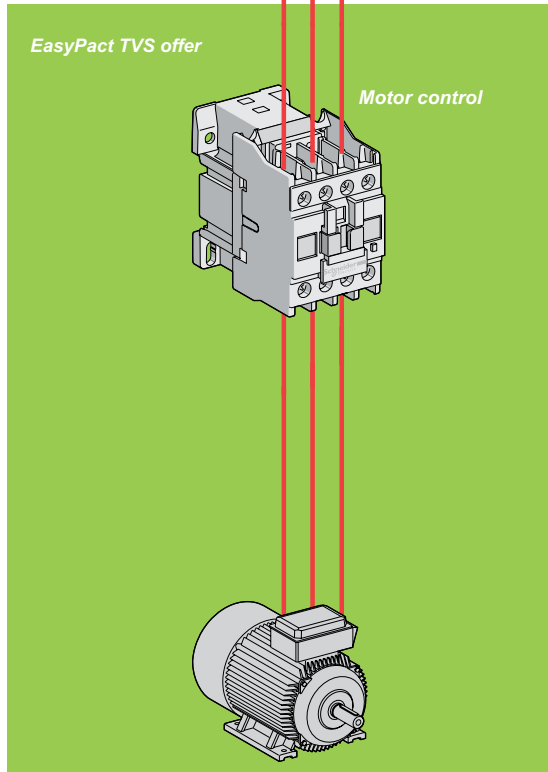
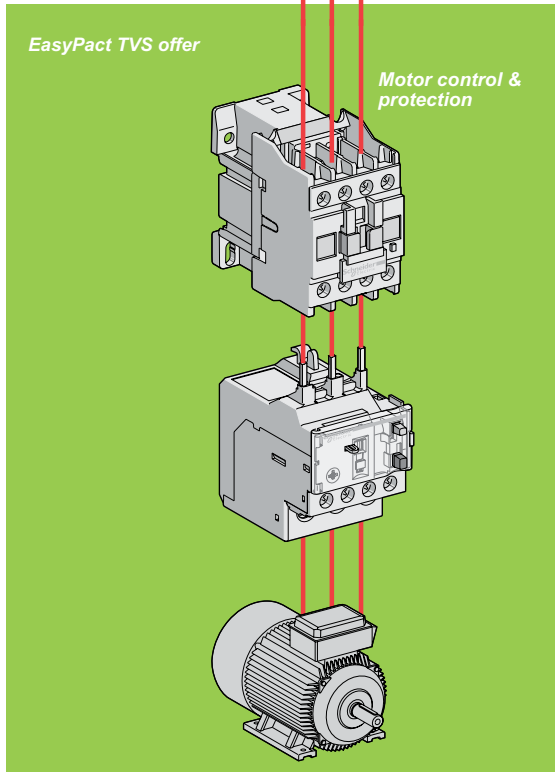
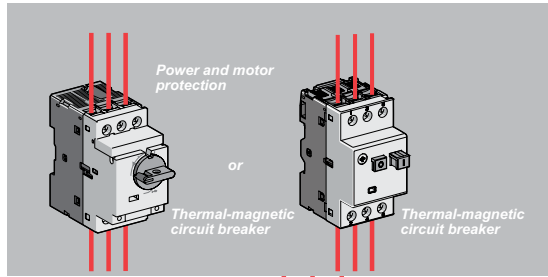
3-components solution

(Magnetic circuit breaker or fuse + Contactor + TOR)



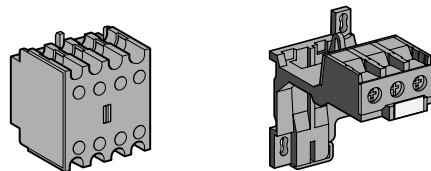
2-components solution

(Thermal-magnetic circuit breaker + Contactor)



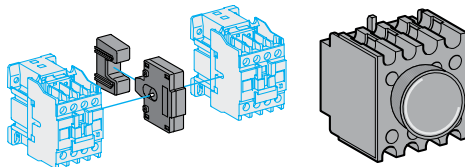
To build the essential solutions in an easy and simple way

Control



Terminal block

Reversor starter



Star-Delta solution

Designed for the essential

> Easy choice for
simple applications

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> Why choose EasyPact TVS?



Simple selection



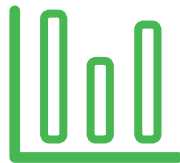
Easy availability



Single Provider



Quick and easy installation



Reliable performance



Full life-cycle support

Recommended Selection Charts for Motor Feeders

Motor Efficiency Class	IE2/IE3			
	DOL		Star Delta	
Type of Starter				
No. of Products in Motor Feeder	2 Product	3 Product	2 Product	3 Product
Fuseless with Circuit breaker for Motor Protection type GZ1E	Page-12	--	--	--
Fuseless with Circuit Breaker for Motor protection type EasyPact CVS MA	--	Page-13	--	Page-14
Fuse based with DIN type Cooper Bussman make	--	Page-15	--	Page-16

Notes:

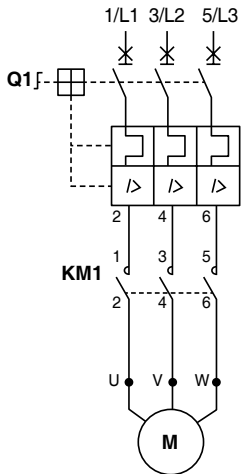
- SCPD stands for Short Circuit Protection Device.
- Selection is valid for Switching & Protection of IE2/IE3 4 Pole Motors which comply to IS12615.
- The rated motor current used for derivation is Full Load Current (FLC) for 3-phase Squirrel Cage Induction Motors as indicated in IS12615.
- Higher ratings of Contactors can be used in place of recommended combinations.
- All SDFs must be as per recommendations only.
- Selection is for Normal Starting time (Relay Trip classes 10A/10).
- For high Inertia loads like Blowers, Pumps & ID/FD fans etc. taking longer starting time, kindly consult us to derive the selection.
- For Star-Delta Motor feeders, In-side delta wiring is considered.
- For Star Delta Motor feeders, proper Change-over time and Pause time must be ensured.
- This selection is valid only for suggested Product combinations. Change in any of the recommended combination will invalidate the recommendations and Human safety, Installation safety and product safety requirements may not be fulfilled.
- Utilisation category considered is AC-3.
- Max. Operating rate per Hour for contactors & Circuit breaker for Motor protection shall not be exceeded.
- Recommended Circuit breaker for Motor protection are specifically designed for Motors and can-not be replaced by distribution Circuit breaker.
- Product Evolution and Improvement is a Continuous process at Schneider Electric. Hence, recommendations and guidelines are subject to change. Contact Schneider Electric for latest guidelines.

Typical Wiring Diagrams

Power diagrams

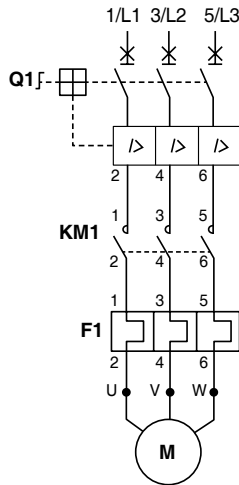
A1 • Direct-on-line

With thermal-magnetic Circuit breaker for Motor protection



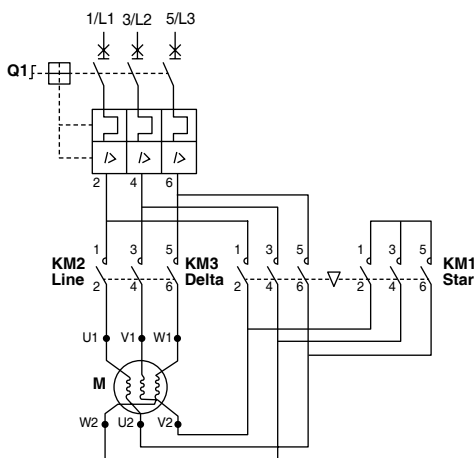
A2 • Direct-on-line

With separate thermal overload relay.



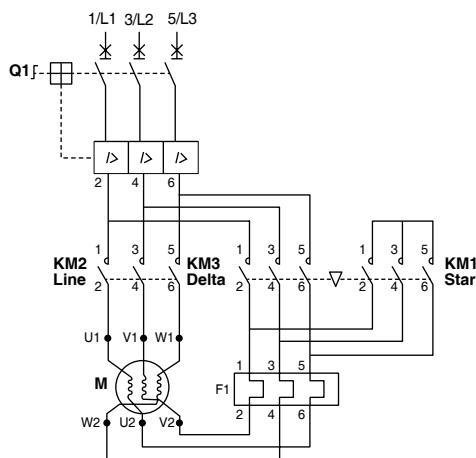
B1 • Star-delta

With thermal-magnetic Circuit breaker for Motor protection



B2 • Star-delta

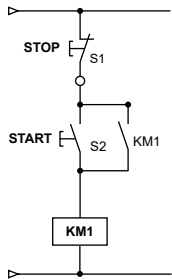
With magnetic only circuit breaker (or fuse) and separate thermal overload relay.



The current in KM2 and KM3 contactors is $(1/\sqrt{3})$ the nominal current. Using a separate overload relay makes it possible to use a lower rating than if it was directly downstream the magnetic protection Q1.

Control diagrams

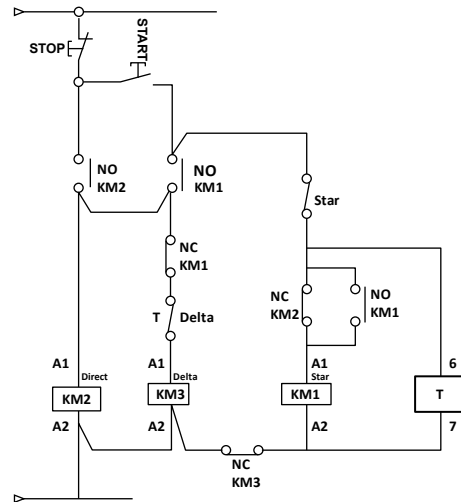
A • Direct-on-line



Push button S2 instantaneously activates contactor KM1, which is then self-maintained. When activated, push-button S1 opens the line.

Overload Relay contacts can be used suitably for tripping on overload

B • Star-delta – Electrical interlocking



- > T – Electronic Timer
- > Ensure proper Pause time between Star to Delta Change-over
- > Consider contactor operational times, i.e. closing and opening times while deciding Pause time
- > Use of Timer with adjustable Pause time is always preferred.
- > Overload Relay contacts can be used suitably for tripping on overload

Fuseless - Direct-on-Line starters with circuit-breaker and overload protection built into the circuit-breaker Type GZ1E

Selection for	DOL Motor Feeders
Contactor & CB	EasyPact TVS
Iq Current	50kA
Ue	415 V, 50 Hz

Functions obtained	Devices
Disconnection & Isolation	Circuit Breaker
Short Circuit Protection	
Overload Protection	
Switching	Contactor

Sr. No.	3Φ Motors			Contactor	Overload Relay		Circuit Breaker	
	kW	hp	FLC - I _n (Amps)		Type	Range (A)	Type	Rating (A)
1	0.06	x	0.19	LC1E09	In-built in Circuit Breaker		GZ1E02	0.16 - 0.25
2	0.09	x	0.28	LC1E09		GZ1E03	0.25 - 0.4	
3	0.12	0.16	0.51	LC1E09		GZ1E04	0.4 - 0.63	
4	0.18	0.25	0.6	LC1E09		GZ1E04	0.4 - 0.63	
5	0.25	0.33	0.8	LC1E09		GZ1E05	0.63 - 1	
6	0.37	0.5	1.4	LC1E09		GZ1E06	1 - 1.6	
7	0.55	0.75	1.7	LC1E09		GZ1E07	1.6 - 2.5	
8	0.75	1	2.2	LC1E09		GZ1E07	1.6 - 2.5	
9	1.1	1.5	2.9	LC1E09		GZ1E08	2.5 - 4	
10	1.3	1.75	3	LC1E09		GZ1E08	2.5 - 4	
11	1.5	2	3.8	LC1E09		GZ1E08	2.5 - 4	
12	2.2	3	5.1	LC1E18		GZ1E10	4 - 6.3	
13	3	4	6	LC1E18		GZ1E14	6 - 10	
14	3.7	5	8.1	LC1E25		GZ1E14	6 - 10	
15	4	5.5	8.5	LC1E25		GZ1E14	6 - 10	
16	5.5	7.5	11.4	LC1E32		GZ1E16	9 - 14	
17	7.5	10	15.4	LC1E32		GZ1E20	13 - 18	
18	9.3	12.5	17.3	LC1E40		GZ1E21	17 - 23	
19	11	15	22	LC1E40		GZ1E22	20 - 25	
20	13	17.5	24	LC1E50		GZ1E32	24 - 32	
21	15	20	30	LC1E50		GZ1E32	24 - 32	

Fuseless - Direct-on-Line starters with circuit-breaker type CVS MA and overload protection by separate thermal overload relay type LRE

Selection for	DOL Motor Feeders
Contactor & CB	EasyPact TVS & CVS MA
I _q Current	50kA
U _e	415 V, 50 Hz

Functions obtained	Devices
Disconnection & Isolation	Circuit Breaker
Short Circuit Protection	
Overload Protection	Overload Relay
Switching	Contactor

Sr. No.	3Φ Motors			Contactor	Overload Relay		Circuit Breaker			
	kW	hp	FLC - I _n (Amps)		Type	Range (A)	Type	Trip Unit Rating	Magnetic Setting Range	Setting on Trip Unit in Amps
1	0.37	0.5	1.4	LC1E09	LRE06	1-1.6	CVS100-MA	2.5	6-14	15
2	0.55	0.75	1.7	LC1E09	LRE07	1.6-2.5	CVS100-MA	2.5	6-14	17.5
3	0.75	1	2.2	LC1E09	LRE07	1.6-2.5	CVS100-MA	2.5	6-14	22.5
4	1.1	1.5	2.9	LC1E09	LRE08	2.5-4	CVS100-MA	6.3	6-14	31.5
5	1.3	1.75	3	LC1E09	LRE08	2.5-4	CVS100-MA	6.3	6-14	31.5
6	1.5	2	3.8	LC1E09	LRE08	2.5-4	CVS100-MA	6.3	6-14	37.8
7	2.2	3	5.1	LC1E18	LRE10	4-6	CVS100-MA	6.3	6-14	63
8	3	4	6	LC1E18	LRE10	4-6	CVS100-MA	6.3	6-14	69.3
9	3.7	5	8.1	LC1E25	LRE14	7-10	CVS100-MA	12.5	6-14	100
10	4	5.5	8.5	LC1E25	LRE14	7-10	CVS100-MA	12.5	6-14	100
11	5.5	7.5	11.4	LC1E32	LRE16	9-13	CVS100-MA	12.5	6-14	137.5
12	7.5	10	15.4	LC1E32	LRE21	12-18	CVS100-MA	25	6-14	175
13	9.3	12.5	17.3	LC1E32	LRE21	12-18	CVS100-MA	25	6-14	200
14	11	15	22	LC1E38	LRE22	16-24	CVS100-MA	25	6-14	275
15	13	17.5	24	LC1E40	LRE22	16-24	CVS100-MA	25	6-14	300
16	15	20	30	LC1E50	LRE32	23-32	CVS100-MA	50	6-14	350
17	18.5	25	36	LC1E65	LRE35	30-38	CVS100-MA	50	6-14	450
18	22	30	43	LC1E65	LRE357	37-50	CVS100-MA	50	6-14	500
19	30	40	56	LC1E80	LRE359	48-65	CVS100-MA	100	6-14	700
20	37	50	69	LC1E95	LRE361	55-70	CVS100-MA	100	6-14	800
21	45	60	84	LC1E120	LRE482	84-135	CVS100-MA	100	6-14	1000
22	55	75	99	LC1E160	LRE482	84-135	CVS100-MA	100	6-14	1200
23	75	100	134	LC1E160	LRE482	84-135	CVS250-MA	150	9-14	1650
24	80	110	139	LC1E160	LRE483	124-198	CVS250-MA	150	9-14	1650
25	90	120	164	LC1E200	LRE483	124-198	CVS250-MA	220	9-14	1980
26	110	150	204	LC1E250	LRE484	146-234	CVS250-MA	220	9-14	2420
27	125	170	234	LC1E300	LRE484	146-234	CVS400-MA	320	6-13	2880
28	132	180	247	LC1E300	LRE485	174-279	CVS400-MA	320	6-13	3200
29	160	215	288	LC1E400	LRE486	208-333	CVS400-MA	320	6-13	3520
30	180	240	298	LC1E400	LRE486	208-333	CVS400-MA	320	6-13	3520
31	200	270	348	LC1E400	LRE487	258-414	CVS630-MA	500	6-13	4500
32	225	300	360	LC1E500	LRE487	258-414	CVS630-MA	500	6-13	4500
33	250	335	435	LC1E500	LRE488	321-513	CVS630-MA	500	6-13	5500
34	275	370	440	LC1E630	LRE489	394-630	CVS630-MA	500	6-13	5500

Fuseless - Star Delta starters with circuit-breaker type CVS MA and overload protection by separate thermal overload relay type LRE

Selection for	Star Delta Motor Feeders
Contactor & CB	EasyPact TVS & CVS - MA
Iq Current	50kA
Ue	415 V, 50 Hz

Functions obtained	Devices
Disconnection & Isolation	Circuit Breaker
Short Circuit Protection	
Overload Protection	Overload Relay
Switching	Contactor

Sr. No.	3Φ Motors				Contactor			Overload Relay		Circuit Breaker			
	kW	hp	FLC - I _n (Amps)					Type	Range (A)	Type	Trip Unit Rating	Magnetic Setting Range	Setting on Trip Unit in Amps
			Line	Phase	Main	Delta	Star						
1	0.75	1	2.2	1.3	LC1E09	LC1E09	LC1E09	LRE06	1-1.6	CVS100-MA	6.3	6-14	37.8
2	1.1	1.5	2.9	1.7	LC1E09	LC1E09	LC1E09	LRE07	1.6-2.5	CVS100-MA	6.3	6-14	50.4
3	1.3	1.8	3	1.7	LC1E09	LC1E09	LC1E09	LRE07	1.6-2.5	CVS100-MA	6.3	6-14	50.4
4	1.5	2	3.8	2.2	LC1E09	LC1E09	LC1E09	LRE07	1.6-2.5	CVS100-MA	6.3	6-14	63
5	2.2	3	5.1	2.9	LC1E09	LC1E09	LC1E09	LRE08	2.5-4	CVS100-MA	12.5	6-14	100
6	3	4	6	3.5	LC1E09	LC1E09	LC1E09	LRE08	2.5-4	CVS100-MA	12.5	6-14	112.5
7	3.7	5	8.1	4.7	LC1E09	LC1E09	LC1E09	LRE10	4-6	CVS100-MA	12.5	6-14	150
8	4	5.5	8.5	4.9	LC1E09	LC1E09	LC1E09	LRE10	4-6	CVS100-MA	12.5	6-14	162.5
9	5.5	7.5	11.4	6.6	LC1E12	LC1E12	LC1E09	LRE12	5.5-8	CVS100-MA	25	6-14	225
10	7.5	10	15.4	8.9	LC1E18	LC1E18	LC1E09	LRE14	7-10	CVS100-MA	25	6-14	300
11	9.3	13	17.3	10	LC1E25	LC1E25	LC1E12	LRE14	7-10	CVS100-MA	25	6-14	325
12	11	15	22	12.7	LC1E25	LC1E25	LC1E12	LRE16	9-13	CVS100-MA	50	6-14	400
13	13	18	24	13.9	LC1E32	LC1E32	LC1E12	LRE21	12-18	CVS100-MA	50	6-14	450
14	15	20	30	17.3	LC1E32	LC1E32	LC1E18	LRE21	12-18	CVS100-MA	50	6-14	550
15	18.5	25	36	20.8	LC1E38	LC1E38	LC1E25	LRE22	16-24	CVS100-MA	50	6-14	700
16	22	30	43	24.8	LC1E40	LC1E40	LC1E32	LRE32	23-32	CVS100-MA	100	6-14	800
17	30	40	56	32.3	LC1E50	LC1E50	LC1E38	LRE355	30-40	CVS100-MA	100	6-14	1100
18	37	50	69	39.8	LC1E65	LC1E65	LC1E40	LRE355	30-40	CVS100-MA	100	6-14	1300
19	45	60	84	48.5	LC1E80	LC1E80	LC1E50	LRE357	37-50	CVS250-MA	150	9-14	1650
20	55	75	99	57.2	LC1E95	LC1E95	LC1E65	LRE359	48-65	CVS250-MA	150	9-14	1950
21	75	100	134	77.4	LC1E120	LC1E120	LC1E80	LRE481	62-99	CVS250-MA	220	9-14	2640
22	80	110	139	80.3	LC1E120	LC1E120	LC1E80	LRE481	62-99	CVS250-MA	220	9-14	2640
23	90	120	164	94.7	LC1E160	LC1E160	LC1E95	LRE482	84-135	CVS250-MA	220	9-14	3080
24	110	150	204	117.8	LC1E200	LC1E200	LC1E120	LRE482	84-135	CVS400-MA	320	6-13	3840
25	125	170	234	135.1	LC1E250	LC1E250	LC1E120	LRE483	124-198	CVS630-MA	500	6-13	4500
26	132	180	247	142.6	LC1E250	LC1E250	LC1E120	LRE483	124-198	CVS630-MA	500	6-13	5000
27	150	200	248	143.2	LC1E250	LC1E250	LC1E120	LRE483	124-198	CVS630-MA	500	6-13	5000
28	160	215	288	166.3	LC1E300	LC1E300	LC1E160	LRE483	124-198	CVS630-MA	500	6-13	5500
29	180	240	298	172.1	LC1E300	LC1E300	LC1E160	LRE483	124-198	CVS630-MA	500	6-13	6000
30	200	270	348	200.9	LC1E400	LC1E400	LC1E200	LRE484	146-234	CVS630-MA	500	6-13	6500
31	225	300	360	207.9	LC1E400	LC1E400	LC1E200	LRE484	146-234	CVS630-MA	500	6-13	6500
32	250	335	435	251.2	LC1E400	LC1E400	LC1E250	LRE485	174-279	CVS630-MA	500	6-13	6500
33	275	370	440	254	LC1E400	LC1E400	LC1E250	LRE485	174-279	CVS630-MA	500	6-13	6500
34	315	425	548	316.4	LC1E500	LC1E500	LC1E300	LRE486	208-333	CVS630-MA	500	6-13	6500

Fuse based - Direct-on-Line starters with Fuses and overload protection by separate thermal overload relay type LRE

Selection for	DOL Motor Feeders
Contactor	EasyPact TVS
Iq Current	50kA
Ue	415 V, 50 Hz

Functions obtained	Devices
Disconnection & Isolation	Switch Disconnecter
Short Circuit Protection	Fuse
Overload Protection	Overload Relay
Switching	Contactor

Sr. No.	Motors, 3Φ, 415V, 50Hz			Contactor	Overload Relay		Nominal Back-up Fuse			SDF
	kW	hp	FLC - I _n (Amps)		Type	Range (A)	Fuse	Fuse Rating	Fuse Size	
1	0.12	0.16	0.51	LC1E09	LRE04	0.4-0.63	4NHG000B	4	000	NX032
2	0.18	0.25	0.6	LC1E09	LRE04	0.4-0.63	4NHG000B	4	000	NX032
3	0.25	0.33	0.8	LC1E09	LRE05	0.63-1	4NHG000B	4	000	NX032
4	0.37	0.5	1.4	LC1E09	LRE06	1-1.6	4NHG000B	4	000	NX032
5	0.55	0.75	1.7	LC1E09	LRE06	1-1.6	4NHG000B	4	000	NX032
6	0.75	1	2.2	LC1E09	LRE07	1.6-2.5	6NHG000B	6	000	NX032
7	1.1	1.5	2.9	LC1E09	LRE08	2.5-4	10NHG000B	10	000	NX032
8	1.3	1.75	3	LC1E09	LRE08	2.5-4	10NHG000B	10	000	NX032
9	1.5	2	3.8	LC1E09	LRE08	2.5-4	10NHG000B	10	000	NX032
10	2.2	3	5.1	LC1E09	LRE10	4-6	16NHG000B	16	000	NX032
11	3	4	6	LC1E09	LRE12	5.5-8	20NHG000B	20	000	NX032
12	3.7	5	8.1	LC1E09	LRE14	7-10	20NHG000B	20	000	NX032
13	4	5.5	8.5	LC1E12	LRE14	7-10	20NHG000B	20	000	NX032
14	5.5	7.5	11.4	LC1E18	LRE16	9-13	25NHG000B	25	000	NX032
15	7.5	10	15.4	LC1E18	LRE21	12-18	32NHG000B	32	000	NX063
16	9.3	12.5	17.3	LC1E25	LRE22	16-24	50NHG000B	50	000	NX063
17	11	15	22	LC1E25	LRE22	16-24	50NHG000B	50	000	NX063
18	13	17.5	24	LC1E32	LRE32	23-32	50NHG000B	50	000	NX063
19	15	20	30	LC1E32	LRE32	23-32	63NHG000B	63	000	NX063
20	18.5	25	36	LC1E40	LRE355	30-40	80NHG000B	80	000	NX080
21	22	30	43	LC1E65	LRE357	37-50	80NHG000B	80	000	NX080
22	30	40	56	LC1E80	LRE359	48-65	100NHG000B	100	000	NX100
23	37	50	69	LC1E95	LRE363	63-80	125NHG000B	125	00	NX125
24	45	60	84	LC1E95	LRE365	80-104	160NHG000B	160	00	NX160
25	55	75	99	LC1E120	LRE482	84-135	160NHG000B	160	00	NX160
26	75	100	134	LC1E160	LRE483	124-198	250NHG1B	250	1	NX250
27	80	110	139	LC1E160	LRE483	124-198	250NHG1B	250	1	NX250
28	90	120	164	LC1E200	LRE483	124-198	250NHG1B	250	1	NX250
29	110	150	204	LC1E250	LRE484	146-234	250NHG1B	250	1	NX250
30	125	170	234	LC1E250	LRE485	174-279	315NHG2B	300	2	NX315
31	132	180	247	LC1E250	LRE485	174-279	315NHG2B	315	2	NX315
32	160	215	288	LC1E300	LRE486	208-333	400NHG2B	400	2	NX400
33	180	240	298	LC1E300	LRE486	208-333	400NHG2B	400	2	NX400
34	200	270	348	LC1E400	LRE487	258-414	400NHG2B	400	2	NX400
35	225	300	360	LC1E400	LRE487	258-414	500NHG3B	500	3	NX630
36	250	335	435	LC1E500	LRE488	321-513	630NHG3B	630	3	NX630
37	275	370	440	LC1E500	LRE488	321-513	630NHG3B	630	3	NX630
38	315	425	548	LC1E630	LRE489	394-630	800NHG3B	800	3	NA
39	335	452	550	LC1E630	LRE489	394-630	800NHG3B	800	3	NA

Fuse based - Star Delta starters with Fuses and overload protection by separate thermal overload relay type LRE

Selection for	Star Delta Motor Feeders
Contactor	EasyPact TVS
Iq Current	50kA
Ue	415 V, 50 Hz

Functions obtained	Devices
Disconnection & Isolation	Switch Disconnecter
Short Circuit Protection	Fuse
Overload Protection	Overload Relay
Switching	Contactor

Sr. No.	3Φ Motors				Contactor			Overload Relay		Nominal Back-up Fuse			SDF
	kW	hp	FLC - I _n (Amps)					Type	Range (A)	Fuse type	Fuse Rating	Fuse Size	
			Line	Phase	Main	Delta	Star						
1	0.75	1	2.2	1.3	LC1E09	LC1E09	LC1E09	LRE06	1-1.6	4NHG000B	4	000	NX032
2	1.1	1.5	2.9	1.7	LC1E09	LC1E09	LC1E09	LRE07	1.6-2.5	4NHG000B	4	000	NX032
3	1.3	1.75	3	1.7	LC1E09	LC1E09	LC1E09	LRE07	1.6-2.5	4NHG000B	4	000	NX032
4	1.5	2	3.8	2.2	LC1E09	LC1E09	LC1E09	LRE07	1.6-2.5	6NHG000B	6	000	NX032
5	2.2	3	5.1	2.9	LC1E09	LC1E09	LC1E09	LRE08	2.5-4	10NHG000B	10	000	NX032
6	3	4	6	3.5	LC1E09	LC1E09	LC1E09	LRE08	2.5-4	10NHG000B	10	000	NX032
7	3.7	5	8.1	4.7	LC1E09	LC1E09	LC1E09	LRE10	4-6	10NHG000B	10	000	NX032
8	4	5.5	8.5	4.9	LC1E09	LC1E09	LC1E09	LRE10	4-6	16NHG000B	16	000	NX032
9	5.5	7.5	11.4	6.6	LC1E12	LC1E12	LC1E09	LRE12	5.5-8	16NHG000B	16	000	NX032
10	7.5	10	15.4	8.9	LC1E18	LC1E18	LC1E09	LRE14	7-10	20NHG000B	20	000	NX032
11	9.3	12.5	17.3	10	LC1E18	LC1E18	LC1E09	LRE14	7-10	20NHG000B	20	000	NX032
12	11	15	22	12.7	LC1E25	LC1E25	LC1E12	LRE16	9-13	32NHG000B	32	000	NX032
13	15	20	30	17.3	LC1E32	LC1E32	LC1E18	LRE21	12-18	40NHG000B	40	000	NX063
14	18.5	25	36	20.8	LC1E38	LC1E38	LC1E25	LRE22	16-24	40NHG000B	40	000	NX063
15	22	30	43	24.8	LC1E40	LC1E40	LC1E32	LRE32	23-32	50NHG000B	50	000	NX063
16	30	40	56	32.3	LC1E50	LC1E50	LC1E38	LRE355	30-40	63NHG000B	63	000	NX063
17	37	50	69	39.8	LC1E65	LC1E65	LC1E40	LRE355	30-40	80NHG000B	80	000	NX080
18	45	60	84	48.5	LC1E80	LC1E80	LC1E50	LRE357	37-50	100NHG000B	100	00	NX125
19	55	75	99	57.2	LC1E95	LC1E95	LC1E65	LRE359	48-65	125NHG000B	125	00	NX125
20	75	100	134	77.4	LC1E120	LC1E120	LC1E80	LRE481	62-99	160NHG000B	160	00	NX160
21	80	110	139	80.3	LC1E120	LC1E120	LC1E80	LRE481	62-99	160NHG000B	160	00	NX160
22	90	120	164	94.7	LC1E160	LC1E160	LC1E95	LRE482	84-135	200NHG1B	200	1	NX200
23	110	150	204	117.8	LC1E200	LC1E200	LC1E120	LRE482	84-135	250NHG1B	250	1	NX250
24	125	170	234	135.1	LC1E250	LC1E250	LC1E120	LRE483	124-198	250NHG1B	250	1	NX250
25	132	180	247	142.6	LC1E250	LC1E250	LC1E120	LRE483	124-198	250NHG1B	250	1	NX250
26	150	200	248	143.2	LC1E250	LC1E250	LC1E120	LRE483	124-198	250NHG1B	250	1	NX250
27	160	215	288	166.3	LC1E300	LC1E300	LC1E160	LRE483	124-198	300NHG2B	300	2	NX315
28	180	240	298	172.1	LC1E300	LC1E300	LC1E160	LRE483	124-198	300NHG2B	300	2	NX315
29	200	270	348	200.9	LC1E400	LC1E400	LC1E200	LRE484	146-234	400NHG2B	400	2	NX400
30	225	300	360	207.9	LC1E400	LC1E400	LC1E200	LRE484	146-234	400NHG2B	400	2	NX400
31	250	335	435	251.2	LC1E400	LC1E400	LC1E250	LRE486	208-333	450NHG3B	450	3	NX630
32	275	370	440	254	LC1E400	LC1E400	LC1E250	LRE485	174-279	450NHG3B	450	3	NX630
33	315	425	548	316.4	LC1E500	LC1E500	LC1E300	LRE486	208-333	630NHG3B	630	3	NX630
34	335	452	550	317.6	LC1E500	LC1E500	LC1E300	LRE487	258-414	630NHG3B	630	3	NX630
35	355	475	618	356.8	LC1E500	LC1E500	LC1E300	LRE487	258-414	630NHG3B	630	3	NX630
36	375	502	653	377	LC1E630	LC1E630	LC1E400	LRE487	258-414	800NHG3B	800	3	NA
37	400	535	674	389.1	LC1E630	LC1E630	LC1E400	LRE487	258-414	800NHG3B	800	3	NA

Glossary

IE2: High-efficiency class as per IS 12615 (2011)

IE3: Premium-efficiency as per IS 12615 (2011)

DOL (direct on line) motor starter: The simplest type of motor starter, also includes protection devices, and in some cases, monitoring.

FLC: Full Load Current



Life Is On

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