

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
400	100	Direct starter	electronic	0,25	0,681866815	0,72	0,735	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	0,25	0,681866815	0,72	0,735	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	0,25	0,681866815	0,72	0,735	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	0,25	0,545493452	0,72	0,735	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	0,25	0,545493452	0,72	0,735	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	0,25	0,545493452	0,72	0,735	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	0,25	0,39528511	0,72	0,735	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	0,25	0,39528511	0,72	0,735	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	0,25	0,39528511	0,72	0,735	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	0,37	0,986969135	0,7	0,773	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	0,37	0,986969135	0,7	0,773	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	0,37	0,986969135	0,7	0,773	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	0,37	0,789575308	0,7	0,773	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	0,37	0,789575308	0,7	0,773	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	0,37	0,789575308	0,7	0,773	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	0,37	0,57215602	0,7	0,773	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	0,37	0,57215602	0,7	0,773	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	0,37	0,57215602	0,7	0,773	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	0,55	1,259610022	0,78	0,808	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	0,55	1,259610022	0,78	0,808	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	0,55	1,259610022	0,78	0,808	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	0,55	1,007688017	0,78	0,808	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	0,55	1,007688017	0,78	0,808	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	0,55	1,007688017	0,78	0,808	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	0,55	0,730208708	0,78	0,808	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	0,55	0,730208708	0,78	0,808	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	0,55	0,730208708	0,78	0,808	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	0,75	1,74954627	0,75	0,825	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	0,75	1,74954627	0,75	0,825	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	0,75	1,74954627	0,75	0,825	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	0,75	1,399637016	0,75	0,825	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	0,75	1,399637016	0,75	0,825	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	0,75	1,399637016	0,75	0,825	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	0,75	1,014229722	0,75	0,825	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	0,75	1,014229722	0,75	0,825	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	0,75	1,014229722	0,75	0,825	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 20

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Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
500	100	Direct starter	electronic	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	1,5	3,172719094	0,8	0,853	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	1,5	3,172719094	0,8	0,853	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	1,5	3,172719094	0,8	0,853	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	1,5	2,538175275	0,8	0,853	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	1,5	2,538175275	0,8	0,853	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	1,5	2,538175275	0,8	0,853	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	1,5	1,839257446	0,8	0,853	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	1,5	1,839257446	0,8	0,853	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	1,5	1,839257446	0,8	0,853	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	5,5	10,54762729	0,84	0,896	fuse protected	Type 2	50	Class 10

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Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
400	100	Direct starter	electronic	5,5	10,54762729	0,84	0,896	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	5,5	10,54762729	0,84	0,896	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	5,5	8,43810183	0,84	0,896	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	5,5	8,43810183	0,84	0,896	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	5,5	8,43810183	0,84	0,896	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	5,5	6,114566543	0,84	0,896	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	5,5	6,114566543	0,84	0,896	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	5,5	6,114566543	0,84	0,896	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 30

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Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
690	100	Direct starter	electronic	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	55	96,45654056	0,87	0,946	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	55	96,45654056	0,87	0,946	fuse protected	Type 2	50	Class 20

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Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
400	100	Direct starter	electronic	55	96,45654056	0,87	0,946	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	75	132,5008268	0,86	0,95	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	75	132,5008268	0,86	0,95	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	75	132,5008268	0,86	0,95	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	75	106,0006614	0,86	0,95	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	75	106,0006614	0,86	0,95	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	75	106,0006614	0,86	0,95	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	90	156,8431983	0,87	0,952	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	90	156,8431983	0,87	0,952	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	90	156,8431983	0,87	0,952	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	90	125,4745586	0,87	0,952	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	90	125,4745586	0,87	0,952	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	90	125,4745586	0,87	0,952	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	90	90,92359322	0,87	0,952	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	90	90,92359322	0,87	0,952	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	90	90,92359322	0,87	0,952	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	110	191,2953614	0,87	0,954	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	110	191,2953614	0,87	0,954	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	110	191,2953614	0,87	0,954	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	110	153,0362891	0,87	0,954	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	110	153,0362891	0,87	0,954	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	110	153,0362891	0,87	0,954	fuse protected	Type 2	50	Class 30
690	100	Direct starter	electronic	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 10
690	50	Direct starter	electronic	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	132	229,0741942	0,87	0,956	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	132	229,0741942	0,87	0,956	fuse protected	Type 2	50	Class 20
400	100	Direct starter	electronic	132	229,0741942	0,87	0,956	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	132	183,2593554	0,87	0,956	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	132	183,2593554	0,87	0,956	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	132	183,2593554	0,87	0,956	fuse protected	Type 2	50	Class 30

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
690	50	Direct starter	electronic	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 20
690	100	Direct starter	electronic	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	160	277,0860121	0,87	0,958	fuse protected	Type 2	50	Class 10
400	100	Direct starter	electronic	160	277,0860121	0,87	0,958	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	160	221,6688097	0,87	0,958	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	160	221,6688097	0,87	0,958	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	160	221,6688097	0,87	0,958	fuse protected	Type 2	50	Class 30
690	50	Direct starter	electronic	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 10
690	100	Direct starter	electronic	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 20
690	80	Direct starter	electronic	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	200	341,7082559	0,88	0,96	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	200	273,3666047	0,88	0,96	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	200	273,3666047	0,88	0,96	fuse protected	Type 2	50	Class 20
500	100	Direct starter	electronic	200	273,3666047	0,88	0,96	fuse protected	Type 2	50	Class 30
690	50	Direct starter	electronic	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 10
690	80	Direct starter	electronic	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 10
690	80	Direct starter	electronic	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 20
690	80	Direct starter	electronic	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 30
400	100	Direct starter	electronic	250	442,2106841	0,85	0,96	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	250	353,7685473	0,85	0,96	fuse protected	Type 2	50	Class 10
500	100	Direct starter	electronic	250	353,7685473	0,85	0,96	fuse protected	Type 2	50	Class 20
690	50	Direct starter	electronic	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 10
690	80	Direct starter	electronic	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 10
690	80	Direct starter	electronic	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 20
690	50	Direct starter	electronic	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 30
500	100	Direct starter	electronic	315	456,4892942	0,83	0,96	fuse protected	Type 2	50	Class 10
690	80	Direct starter	electronic	315	330,7893436	0,83	0,96	fuse protected	Type 2	50	Class 10
690	80	Direct starter	electronic	315	330,7893436	0,83	0,96	fuse protected	Type 2	50	Class 20
690	80	Direct starter	electronic	355	359,7898859	0,86	0,96	fuse protected	Type 2	50	Class 10
690	50	Direct starter	electronic	400	415,0493654	0,84	0,96	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 20

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
690	100	Direct starter	SIMOCODE	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 10

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
500	100	Direct starter	SIMOCODE	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 30



## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
400	100	Direct starter	SIMOCODE	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	55	96,45654056	0,87	0,946	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	55	96,45654056	0,87	0,946	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	55	96,45654056	0,87	0,946	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	75	132,5008268	0,86	0,95	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	75	132,5008268	0,86	0,95	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	75	132,5008268	0,86	0,95	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	75	106,0006614	0,86	0,95	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	75	106,0006614	0,86	0,95	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	75	106,0006614	0,86	0,95	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	90	156,8431983	0,87	0,952	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	90	156,8431983	0,87	0,952	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	90	156,8431983	0,87	0,952	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	90	125,4745586	0,87	0,952	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	90	125,4745586	0,87	0,952	fuse protected	Type 2	50	Class 20

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
500	100	Direct starter	SIMOCODE	90	125,4745586	0,87	0,952	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	90	90,92359322	0,87	0,952	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	90	90,92359322	0,87	0,952	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	90	90,92359322	0,87	0,952	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	110	191,2953614	0,87	0,954	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	110	191,2953614	0,87	0,954	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	110	191,2953614	0,87	0,954	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	110	153,0362891	0,87	0,954	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	110	153,0362891	0,87	0,954	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	110	153,0362891	0,87	0,954	fuse protected	Type 2	50	Class 30
690	100	Direct starter	SIMOCODE	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 10
690	50	Direct starter	SIMOCODE	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	132	229,0741942	0,87	0,956	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	132	229,0741942	0,87	0,956	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	132	229,0741942	0,87	0,956	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	132	183,2593554	0,87	0,956	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	132	183,2593554	0,87	0,956	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	132	183,2593554	0,87	0,956	fuse protected	Type 2	50	Class 30
690	50	Direct starter	SIMOCODE	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 20
690	100	Direct starter	SIMOCODE	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	160	277,0860121	0,87	0,958	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	160	277,0860121	0,87	0,958	fuse protected	Type 2	50	Class 20
400	100	Direct starter	SIMOCODE	160	277,0860121	0,87	0,958	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	160	221,6688097	0,87	0,958	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	160	221,6688097	0,87	0,958	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	160	221,6688097	0,87	0,958	fuse protected	Type 2	50	Class 30
690	50	Direct starter	SIMOCODE	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 10
690	100	Direct starter	SIMOCODE	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 20
690	80	Direct starter	SIMOCODE	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	200	341,7082559	0,88	0,96	fuse protected	Type 2	50	Class 10
400	100	Direct starter	SIMOCODE	200	341,7082559	0,88	0,96	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	200	273,3666047	0,88	0,96	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	200	273,3666047	0,88	0,96	fuse protected	Type 2	50	Class 20
500	100	Direct starter	SIMOCODE	200	273,3666047	0,88	0,96	fuse protected	Type 2	50	Class 30
690	50	Direct starter	SIMOCODE	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 10
690	80	Direct starter	SIMOCODE	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 10

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
690	80	Direct starter	SIMOCODE	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 20
690	80	Direct starter	SIMOCODE	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 30
400	100	Direct starter	SIMOCODE	250	442,2106841	0,85	0,96	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	250	353,7685473	0,85	0,96	fuse protected	Type 2	50	Class 10
500	100	Direct starter	SIMOCODE	250	353,7685473	0,85	0,96	fuse protected	Type 2	50	Class 20
690	50	Direct starter	SIMOCODE	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 10
690	80	Direct starter	SIMOCODE	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 10
690	80	Direct starter	SIMOCODE	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 20
690	50	Direct starter	SIMOCODE	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 30
500	100	Direct starter	SIMOCODE	315	456,4892942	0,83	0,96	fuse protected	Type 2	50	Class 10
690	80	Direct starter	SIMOCODE	315	330,7893436	0,83	0,96	fuse protected	Type 2	50	Class 10
690	50	Direct starter	SIMOCODE	315	330,7893436	0,83	0,96	fuse protected	Type 2	50	Class 20
690	80	Direct starter	SIMOCODE	355	359,7898859	0,86	0,96	fuse protected	Type 2	50	Class 10
690	50	Direct starter	SIMOCODE	400	415,0493654	0,84	0,96	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	0,25	0,681866815	0,72	0,735	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	0,25	0,545493452	0,72	0,735	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	0,25	0,39528511	0,72	0,735	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	0,37	0,986969135	0,7	0,773	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	0,37	0,789575308	0,7	0,773	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	0,37	0,57215602	0,7	0,773	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	0,55	1,259610022	0,78	0,808	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	0,55	1,007688017	0,78	0,808	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	0,55	0,730208708	0,78	0,808	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	0,75	1,74954627	0,75	0,825	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	0,75	1,399637016	0,75	0,825	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	0,75	1,014229722	0,75	0,825	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	1,5	3,172719094	0,8	0,853	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	1,5	2,538175275	0,8	0,853	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	1,5	1,839257446	0,8	0,853	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 10

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
400	100	Direct starter	thermal	5,5	10,54762729	0,84	0,896	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	5,5	8,43810183	0,84	0,896	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	5,5	6,114566543	0,84	0,896	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 10
400	100	Direct starter	thermal	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 10
500	100	Direct starter	thermal	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 10
690	100	Direct starter	thermal	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	0,25	0,681866815	0,72	0,735	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	0,25	0,681866815	0,72	0,735	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	0,25	0,681866815	0,72	0,735	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	0,25	0,545493452	0,72	0,735	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	0,25	0,545493452	0,72	0,735	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	0,25	0,545493452	0,72	0,735	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	0,25	0,39528511	0,72	0,735	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	0,25	0,39528511	0,72	0,735	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	0,25	0,39528511	0,72	0,735	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	0,37	0,986969135	0,7	0,773	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	0,37	0,986969135	0,7	0,773	fuse protected	Type 2	50	Class 20

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
400	100	Reversing drive	electronic	0,37	0,986969135	0,7	0,773	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	0,37	0,789575308	0,7	0,773	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	0,37	0,789575308	0,7	0,773	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	0,37	0,789575308	0,7	0,773	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	0,37	0,57215602	0,7	0,773	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	0,37	0,57215602	0,7	0,773	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	0,37	0,57215602	0,7	0,773	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	0,55	1,259610022	0,78	0,808	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	0,55	1,259610022	0,78	0,808	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	0,55	1,259610022	0,78	0,808	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	0,55	1,007688017	0,78	0,808	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	0,55	1,007688017	0,78	0,808	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	0,55	1,007688017	0,78	0,808	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	0,55	0,730208708	0,78	0,808	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	0,55	0,730208708	0,78	0,808	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	0,55	0,730208708	0,78	0,808	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	0,75	1,74954627	0,75	0,825	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	0,75	1,74954627	0,75	0,825	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	0,75	1,74954627	0,75	0,825	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	0,75	1,399637016	0,75	0,825	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	0,75	1,399637016	0,75	0,825	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	0,75	1,399637016	0,75	0,825	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	0,75	1,014229722	0,75	0,825	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	0,75	1,014229722	0,75	0,825	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	0,75	1,014229722	0,75	0,825	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	1,5	3,172719094	0,8	0,853	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	1,5	3,172719094	0,8	0,853	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	1,5	3,172719094	0,8	0,853	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	1,5	2,538175275	0,8	0,853	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	1,5	2,538175275	0,8	0,853	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	1,5	2,538175275	0,8	0,853	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	1,5	1,839257446	0,8	0,853	fuse protected	Type 2	50	Class 10

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
690	100	Reversing drive	electronic	1,5	1,839257446	0,8	0,853	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	1,5	1,839257446	0,8	0,853	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	5,5	10,54762729	0,84	0,896	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	5,5	10,54762729	0,84	0,896	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	5,5	10,54762729	0,84	0,896	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	5,5	8,43810183	0,84	0,896	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	5,5	8,43810183	0,84	0,896	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	5,5	8,43810183	0,84	0,896	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	5,5	6,114566543	0,84	0,896	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	5,5	6,114566543	0,84	0,896	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	5,5	6,114566543	0,84	0,896	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 30

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
500	100	Reversing drive	electronic	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 20

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
690	100	Reversing drive	electronic	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	55	96,45654056	0,87	0,946	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	55	96,45654056	0,87	0,946	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	55	96,45654056	0,87	0,946	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	75	132,5008268	0,86	0,95	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	75	132,5008268	0,86	0,95	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	75	132,5008268	0,86	0,95	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	75	106,0006614	0,86	0,95	fuse protected	Type 2	50	Class 10



## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
500	100	Reversing drive	electronic	75	106,0006614	0,86	0,95	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	75	106,0006614	0,86	0,95	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	90	156,8431983	0,87	0,952	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	90	156,8431983	0,87	0,952	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	90	156,8431983	0,87	0,952	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	90	125,4745586	0,87	0,952	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	90	125,4745586	0,87	0,952	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	90	125,4745586	0,87	0,952	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	90	90,92359322	0,87	0,952	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	90	90,92359322	0,87	0,952	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	90	90,92359322	0,87	0,952	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	110	191,2953614	0,87	0,954	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	110	191,2953614	0,87	0,954	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	110	191,2953614	0,87	0,954	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	110	153,0362891	0,87	0,954	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	110	153,0362891	0,87	0,954	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	110	153,0362891	0,87	0,954	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	electronic	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 10
690	50	Reversing drive	electronic	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	132	229,0741942	0,87	0,956	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	132	229,0741942	0,87	0,956	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	electronic	132	229,0741942	0,87	0,956	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	132	183,2593554	0,87	0,956	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	132	183,2593554	0,87	0,956	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	132	183,2593554	0,87	0,956	fuse protected	Type 2	50	Class 30
690	50	Reversing drive	electronic	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	electronic	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	160	277,0860121	0,87	0,958	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	electronic	160	277,0860121	0,87	0,958	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	160	221,6688097	0,87	0,958	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	160	221,6688097	0,87	0,958	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	160	221,6688097	0,87	0,958	fuse protected	Type 2	50	Class 30
690	50	Reversing drive	electronic	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	electronic	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 10

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
690	100	Reversing drive	electronic	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 20
690	80	Reversing drive	electronic	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	200	341,7082559	0,88	0,96	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	200	273,3666047	0,88	0,96	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	200	273,3666047	0,88	0,96	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	electronic	200	273,3666047	0,88	0,96	fuse protected	Type 2	50	Class 30
690	50	Reversing drive	electronic	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 10
690	80	Reversing drive	electronic	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 10
690	80	Reversing drive	electronic	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 20
690	80	Reversing drive	electronic	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	electronic	250	442,2106841	0,85	0,96	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	250	353,7685473	0,85	0,96	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	electronic	250	353,7685473	0,85	0,96	fuse protected	Type 2	50	Class 20
690	50	Reversing drive	electronic	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 10
690	80	Reversing drive	electronic	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 10
690	80	Reversing drive	electronic	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 20
690	50	Reversing drive	electronic	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	electronic	315	456,4892942	0,83	0,96	fuse protected	Type 2	50	Class 10
690	80	Reversing drive	electronic	315	330,7893436	0,83	0,96	fuse protected	Type 2	50	Class 10
690	80	Reversing drive	electronic	315	330,7893436	0,83	0,96	fuse protected	Type 2	50	Class 20
690	80	Reversing drive	electronic	355	359,7898859	0,86	0,96	fuse protected	Type 2	50	Class 10
690	50	Reversing drive	electronic	400	415,0493654	0,84	0,96	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 10

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
400	100	Reversing drive	SIMOCODE	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 30

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
690	100	Reversing drive	SIMOCODE	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 30

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
400	100	Reversing drive	SIMOCODE	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	55	96,45654056	0,87	0,946	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	55	96,45654056	0,87	0,946	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	55	96,45654056	0,87	0,946	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	75	132,5008268	0,86	0,95	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	75	132,5008268	0,86	0,95	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	75	132,5008268	0,86	0,95	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	75	106,0006614	0,86	0,95	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	75	106,0006614	0,86	0,95	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	75	106,0006614	0,86	0,95	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	90	156,8431983	0,87	0,952	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	90	156,8431983	0,87	0,952	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	90	156,8431983	0,87	0,952	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	90	125,4745586	0,87	0,952	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	90	125,4745586	0,87	0,952	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	90	125,4745586	0,87	0,952	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	90	90,92359322	0,87	0,952	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	90	90,92359322	0,87	0,952	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	90	90,92359322	0,87	0,952	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	110	191,2953614	0,87	0,954	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	110	191,2953614	0,87	0,954	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	110	191,2953614	0,87	0,954	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	110	153,0362891	0,87	0,954	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	110	153,0362891	0,87	0,954	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	110	153,0362891	0,87	0,954	fuse protected	Type 2	50	Class 30
690	100	Reversing drive	SIMOCODE	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 10

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
690	50	Reversing drive	SIMOCODE	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	132	229,0741942	0,87	0,956	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	132	229,0741942	0,87	0,956	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	132	229,0741942	0,87	0,956	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	132	183,2593554	0,87	0,956	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	132	183,2593554	0,87	0,956	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	132	183,2593554	0,87	0,956	fuse protected	Type 2	50	Class 30
690	50	Reversing drive	SIMOCODE	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 20
690	100	Reversing drive	SIMOCODE	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	160	277,0860121	0,87	0,958	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	160	277,0860121	0,87	0,958	fuse protected	Type 2	50	Class 20
400	100	Reversing drive	SIMOCODE	160	277,0860121	0,87	0,958	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	160	221,6688097	0,87	0,958	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	160	221,6688097	0,87	0,958	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	160	221,6688097	0,87	0,958	fuse protected	Type 2	50	Class 30
690	50	Reversing drive	SIMOCODE	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	SIMOCODE	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 20
690	80	Reversing drive	SIMOCODE	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	200	341,7082559	0,88	0,96	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	SIMOCODE	200	341,7082559	0,88	0,96	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	200	273,3666047	0,88	0,96	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	200	273,3666047	0,88	0,96	fuse protected	Type 2	50	Class 20
500	100	Reversing drive	SIMOCODE	200	273,3666047	0,88	0,96	fuse protected	Type 2	50	Class 30
690	50	Reversing drive	SIMOCODE	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 10
690	80	Reversing drive	SIMOCODE	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 10
690	80	Reversing drive	SIMOCODE	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 20
690	80	Reversing drive	SIMOCODE	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 30
400	100	Reversing drive	SIMOCODE	250	442,2106841	0,85	0,96	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	250	353,7685473	0,85	0,96	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	SIMOCODE	250	353,7685473	0,85	0,96	fuse protected	Type 2	50	Class 20
690	50	Reversing drive	SIMOCODE	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 10
690	80	Reversing drive	SIMOCODE	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 10
690	80	Reversing drive	SIMOCODE	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 20
690	50	Reversing drive	SIMOCODE	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 30
500	100	Reversing drive	SIMOCODE	315	456,4892942	0,83	0,96	fuse protected	Type 2	50	Class 10
690	80	Reversing drive	SIMOCODE	315	330,7893436	0,83	0,96	fuse protected	Type 2	50	Class 10

## 50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
690	50	Reversing drive	SIMOCODE	315	330,7893436	0,83	0,96	fuse protected	Type 2	50	Class 20
690	80	Reversing drive	SIMOCODE	355	359,7898859	0,86	0,96	fuse protected	Type 2	50	Class 10
690	50	Reversing drive	SIMOCODE	400	415,0493654	0,84	0,96	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	0,25	0,681866815	0,72	0,735	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	0,25	0,545493452	0,72	0,735	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	0,25	0,39528511	0,72	0,735	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	0,37	0,986969135	0,7	0,773	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	0,37	0,789575308	0,7	0,773	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	0,37	0,57215602	0,7	0,773	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	0,55	1,259610022	0,78	0,808	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	0,55	1,007688017	0,78	0,808	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	0,55	0,730208708	0,78	0,808	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	0,75	1,74954627	0,75	0,825	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	0,75	1,399637016	0,75	0,825	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	0,75	1,014229722	0,75	0,825	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	1,1	2,420368365	0,78	0,841	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	1,1	1,936294692	0,78	0,841	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	1,1	1,403112096	0,78	0,841	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	1,5	3,172719094	0,8	0,853	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	1,5	2,538175275	0,8	0,853	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	1,5	1,839257446	0,8	0,853	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	2,2	3,530163817	0,83	0,867	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	2,2	2,558089723	0,83	0,867	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	3	4,758969674	0,83	0,877	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	3	3,448528749	0,83	0,877	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	4	6,357432904	0,82	0,886	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	4	4,606835438	0,82	0,886	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	5,5	10,54762729	0,84	0,896	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	5,5	8,43810183	0,84	0,896	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	5,5	6,114566543	0,84	0,896	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	7,5	8,264257275	0,84	0,904	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	11	11,98829677	0,84	0,914	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 10

50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
690	100	Reversing drive	thermal	15	16,61912133	0,82	0,921	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	18,5	20,38624181	0,82	0,926	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 10
400	100	Reversing drive	thermal	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 10
500	100	Reversing drive	thermal	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 10
690	100	Reversing drive	thermal	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	5,5	10,54762729	0,84	0,896	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	7,5	11,40467504	0,84	0,904	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	11	16,54384954	0,84	0,914	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	15	22,93438743	0,82	0,921	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	18,5	28,1330137	0,82	0,926	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	22	41,13779609	0,83	0,93	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	22	32,91023688	0,83	0,93	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	22	23,84799774	0,83	0,93	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	30	55,0738581	0,84	0,936	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	30	44,05908648	0,84	0,936	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	30	31,92687426	0,84	0,936	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	37	66,13282302	0,86	0,939	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	37	52,90625841	0,86	0,939	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	37	38,33786842	0,86	0,939	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	45	80,17565951	0,86	0,942	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	45	64,14052761	0,86	0,942	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	45	46,4786432	0,86	0,942	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	55	96,45654056	0,87	0,946	fuse protected	Type 2	50	Class 10



50 Hz fuse protected

Un	Iq	Starter type	Overload relay	Pn	In	cosphi	eta	Basic type	Coordination Typee	Frequency	Motor starter class
500	50	Soft starter	none	55	77,16523245	0,87	0,946	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	55	55,91683511	0,87	0,946	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	75	132,5008268	0,86	0,95	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	75	106,0006614	0,86	0,95	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	75	76,81207349	0,86	0,95	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	90	156,8431983	0,87	0,952	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	90	125,4745586	0,87	0,952	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	90	90,92359322	0,87	0,952	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	110	191,2953614	0,87	0,954	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	110	153,0362891	0,87	0,954	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	110	110,8958617	0,87	0,954	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	132	229,0741942	0,87	0,956	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	132	183,2593554	0,87	0,956	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	132	132,7966343	0,87	0,956	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	160	277,0860121	0,87	0,958	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	160	221,6688097	0,87	0,958	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	160	160,6295723	0,87	0,958	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	200	341,7082559	0,88	0,96	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	200	273,3666047	0,88	0,96	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	200	198,0917426	0,88	0,96	fuse protected	Type 2	50	Class 10
400	50	Soft starter	none	250	442,2106841	0,85	0,96	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	250	353,7685473	0,85	0,96	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	250	256,3540198	0,85	0,96	fuse protected	Type 2	50	Class 10
500	50	Soft starter	none	315	456,4892942	0,83	0,96	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	315	330,7893436	0,83	0,96	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	355	359,7898859	0,86	0,96	fuse protected	Type 2	50	Class 10
690	50	Soft starter	none	400	415,0493654	0,84	0,96	fuse protected	Type 2	50	Class 10
400	50	Soft starter	thermal	1,5	3,172719094	0,8	0,853	fuse protected	Type 2	50	Class 10
400	50	Soft starter	thermal	2,2	4,412704771	0,83	0,867	fuse protected	Type 2	50	Class 10
400	50	Soft starter	thermal	3	5,948712092	0,83	0,877	fuse protected	Type 2	50	Class 10
400	50	Soft starter	thermal	4	7,94679113	0,82	0,886	fuse protected	Type 2	50	Class 10
400	50	Soft starter	thermal	5,5	10,54762729	0,84	0,896	fuse protected	Type 2	50	Class 10
400	50	Soft starter	thermal	7,5	14,2558438	0,84	0,904	fuse protected	Type 2	50	Class 10
400	50	Soft starter	thermal	11	20,67981192	0,84	0,914	fuse protected	Type 2	50	Class 10
400	50	Soft starter	thermal	15	28,66798429	0,82	0,921	fuse protected	Type 2	50	Class 10
400	50	Soft starter	thermal	18,5	35,16626712	0,82	0,926	fuse protected	Type 2	50	Class 10