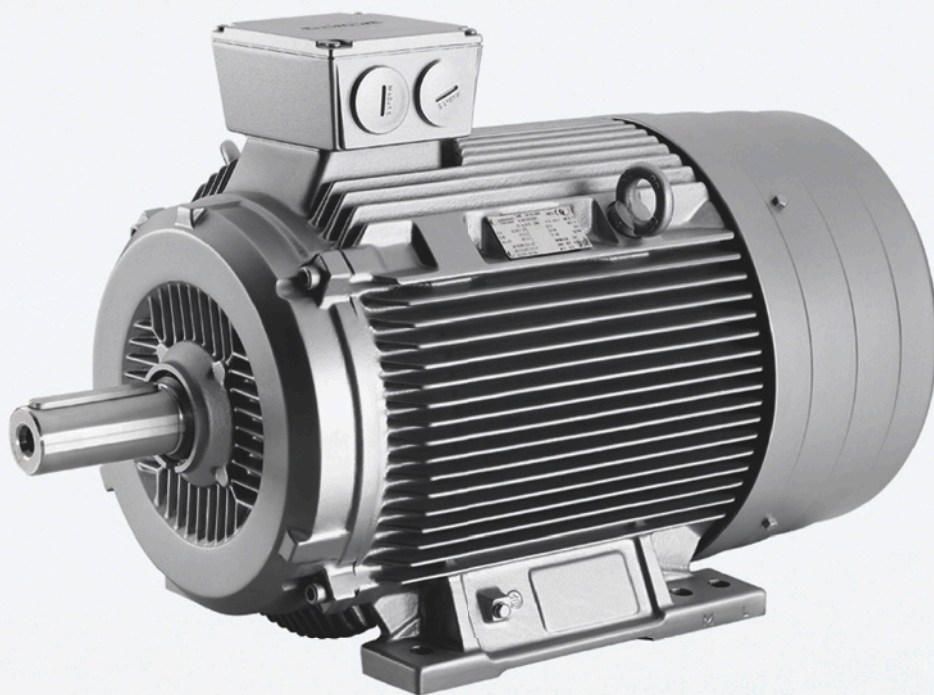


SIEMENS



Motors

Phase-Out

Slimming down the portfolio
for an energy-efficient world

Brochure

Edition
August
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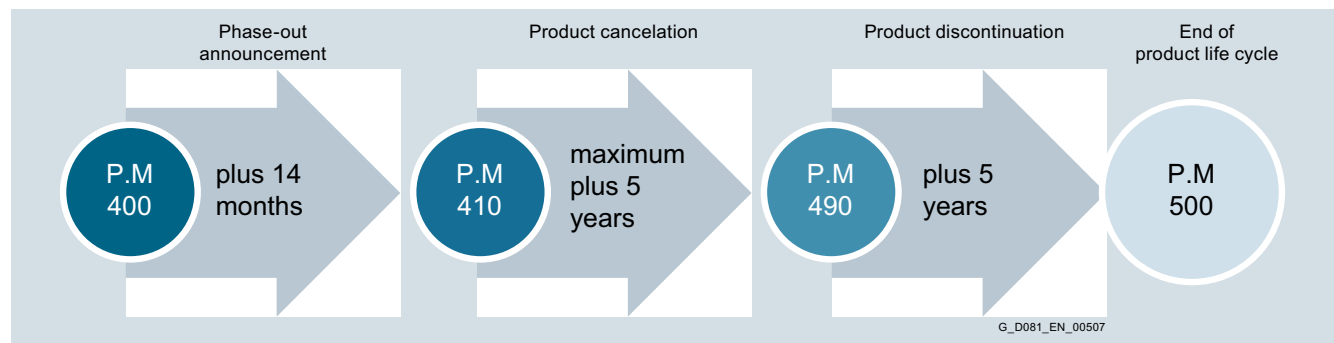
Phase-Out

Slimming down the portfolio for an energy-efficient world

Phase-out management means the specific adjustment of material stocks of phase-out products in line with decreasing production figures. The aim of phase-out management is to avoid situations involving material surplus or shortage and the resulting financial consequences during phase-out.

Phase-out – When?

The last phase of the product lifecycle begins with the product milestone (P.M.) P.M400. This notification is published approx. 14 months prior to end of ordering.



Phase-out – Timeline for catalog-listed motors

Phase-out – Why?

- Conscious handling of natural resources is of vital importance nowadays.
- Globally new, differentiated requirements regarding efficiency classes for low-voltage motors are only implemented in the new modular platform.
- Products with new features and a new energy-saving design safeguard the future and correspond to our vision of global responsibility.
- For economic reasons:
 - LEAN production in factories (only 1 platform) in combination with product/factory assignment
 - Reduction in material stocks for production, service and retrofitting
 - Reduction of the data base for IT processes, catalogs, datasheets, etc.
 - Quicker certification thanks to just one platform

Phase-out – How?

Phase-out management generally begins with the marketing (sales release Q.P.M280) of the successor product (exception: products without successor products):

- Notification of product cancellation, including price increase, with **P.M400: Phase-out announcement**. The product will still be available after this date up to P.M410, but will no longer be actively marketed.

- Last order receipt with **P.M410: Product cancellation**. After this date only replacement motors (generally 3 years) and spare parts (generally 5 years) will be available. In the event of total motor failure, Siemens will normally supply a comparable motor with regard to the functions (the type series may vary). Mounting dimensions, special versions and variants must be considered separately. Price increases are possible with/after P.M410!
- End of replacement motor and spare part phase with **P.M490: Product discontinuation** after this date. Only technical information for this product is still available.
- Deletion of documentation with **P.M500: End of product life cycle**.

Customer benefits

- Quicker selection of the right motor for every application with uniform look & feel for SIMOTICS
- Reduction of material stocks and modern SIMOLOG concept for our distributors and SIMOLOG partners
- With the knowledge of these milestones and timelines our customers and we are very well qualified to plan material stocks and successors for the phase-out products.
- New innovative products suitable for customer applications and industries such as metals and steel and the chemical and oil & gas industries.
- Compliance with ever more stringent energy efficiency classes.

Phase-out by 2011

Phase-out announcement by 2011 (P.M410) for the following standard series without customized motors

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement	P.M410 P.M410 Product cancellation (date order receipt)	P.M490 P.M490 Product dis- continua- tion	P.M500 P.M500 End of product life cycle	Information/successor
1LA5 motors for geared motors 2KG1/ 2KG2				01.11.04	01.02.05	31.12.15	31.12.20	Successor 2KJ
1LA7 motors for geared motors 2KG1/ 2KG2				01.11.04	01.02.05	31.12.15	31.12.20	Successor 2KJ
1LA7 motors for geared motors 2KG3/ 2KG4				30.09.09	30.09.09	31.12.15	31.12.20	Successor 2KJ
1LA5 motors for geared motors 2KG3/ 2KG4				30.09.09	30.09.09	31.12.15	31.12.20	Successor 2KJ
1FB4				11.03.09	11.03.09	31.12.15	31.12.20	No successor
1LA3		56 – 160		11.03.09	30.09.09	31.12.15	31.12.20	No successor
1LC5				11.03.09	30.09.09	31.12.15	31.12.20	No successor
1LC7				11.03.09	31.12.09	31.12.15	31.12.20	No successor
1LC9				11.03.09	31.12.09	31.12.15	31.12.20	No successor
1LP3	Roller table motors are not affected here (9th digit of the Article No. = R)	90 – 315	1LP3, except for 9th digit of the Article No. = R	11.03.09	30.09.09	31.12.15	31.12.20	No successor
1LP5		56 – 160		11.03.09	30.09.09	31.12.15	31.12.20	No successor
1PF9				11.03.09	30.09.09	31.12.15	31.12.20	No successor
1PP5		56 – 160		11.03.09	11.03.09	31.12.15	31.12.20	No successor
1FH3				11.03.09	11.03.09	31.12.15	31.12.20	No successor
1FP7				11.03.09	11.03.09	31.12.15	31.12.20	No successor
1FU2				19.01.01	30.04.05	31.12.15	31.12.20	No successor
1LC3				11.03.09	30.09.09	31.12.15	31.12.20	No successor
1PF5				11.03.09	11.03.09	31.12.15	31.12.20	No successor
1LG4 – Japan line		180 – 315	9th digit of the Article No. = F	16.07.07	31.12.09	31.12.15	31.12.20	No successor
1LA7 – Japan line		63 – 160	9th digit of the Article No. = F	16.07.07	31.12.09	31.12.15	31.12.20	No successor
SH 56 of series 1LA, 1LP, 1PK, 1PP, 1LF		56		20.04.09	01.10.10	01.10.15	01.10.20	No successor

Phase-out 2011

Phase-out announcement 2011 (P.M410) for the following standard series without customized motors

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement	P.M410 P.M410 Product cancelation (date order receipt)	P.M490 P.M490 Product dis- continua- tion	P.M500 P.M500 End of product life cycle	Information/ successor
1PK2				15.09.10	01.12.10	31.12.15	31.12.20	No successor
1LH7				15.09.10	01.12.10	31.12.15	31.12.20	No successor
1LH9				15.09.10	01.12.10	31.12.15	31.12.20	No successor
1LA7 – Brazil line	2-pole motors	71 – 160	9th digit = E	15.09.10	01.10.10	31.12.15	31.12.20	New standard in Brazil since January 2010
	4-pole motors	80 – 160						
	6-pole motors	90 – 160						
	8-pole motors	100 – 160						

Phase-out 2012

Phase-out announcement 2012 (P.M410) for the following standard series without customized motors

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement	P.M410 P.M410 Product cancellation (date order receipt)	P.M490 P.M490 Product dis- continua- tion	P.M500 P.M500 End of product life cycle	Information/ successor
1LA5	8/6/4-pole pole-changing	180 – 200	8th to 10th digit = 1_J	01.06.11	30.09.12	31.12.17	31.12.22	No successor
1LA7 (Ex motors, motors for ship- building and PM motors stay in our portfolio)	IE1	100 – 160	9th and 10th digit ≠ PM	01.06.11	30.09.12	31.12.17	31.12.22	Successor 1LE1002
	4-pole/2-pole pole-changing	100 – 160	8th to 10th digit = 0_A	01.06.11	30.09.12	31.12.17	31.12.22	Successor 1LE101
	6-pole/4-pole pole-changing	100 – 160	8th to 10th digit = 0_D or 1_D	01.06.11	30.09.12	31.12.17	31.12.22	Successor 1LE101
	8-pole/4-pole pole-changing	100 – 160	8th to 10th digit = 0_B	01.06.11	30.09.12	31.12.17	31.12.22	Successor 1LE101
	8-pole/4-pole pole-changing	90	8th to 10th digit = 0_B	01.06.11	30.09.12	31.12.17	31.12.22	No successor
1LE1 general series		100 – 160	with 0 at 16th digit	01.06.11	30.09.12	31.12.17	31.12.22	1LE1 with 4 at 16th digit
1LP7 (motors for shipbuilding stay in our portfolio)		100 – 160		01.06.11	30.09.12	31.12.17	31.12.22	Successor 1PC1
1LP9 (motors for shipbuilding stay in our portfolio)		100 – 160		01.06.11	30.09.12	31.12.17	31.12.22	Successor 1PC1
1PQ6				01.06.11	31.12.11	31.12.17	31.12.22	No successor
1FH7					30.09.12	30.09.12	31.12.22	No successor
1LA7 Taiwan	Act CNS 14400		9th digit = G		31.12.11	31.12.17	31.12.22	No successor
1LG4 Taiwan	Act CNS 14401		9th digit = G		31.12.11	31.12.17	31.12.22	No successor

Phase-out 2013

Phase-out announcement 2013 (P.M410) for the following series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement	P.M410 P.M410 Product cancelation (date order receipt)	P.M490 P.M490 Product discontinuation	P.M500 P.M500 End of product life cycle	Information/successor
1LG6 mI2 ≤ 200 kW	Standard series	180 – 315	9th digit = M, 2 and 4-pole 5th to 7th digit ≠ 318 and 312	01.05.12	30.09.13	31.12.18	31.12.23	1LE15/6
	Customized ¹⁾	180 – 315	9th digit = M, 2 and 4-pole 5th to 7th digit ≠ 318 and 312	01.05.12	30.09.14	31.12.19	31.12.24	Based on 1LE/1PC platform
1LA7 690 V	Standard series Motor for converter-fed operation only	100 – 160	9th and 10th position = PM	01.05.12	Postponed	Postponed	Postponed	1LE
1LA7	8/6/4-pole triple pole-changing standard series	90 – 160	8th to 10th digit = 1_J	01.05.12	30.09.13	31.12.18	31.12.23	No successor
	8/6/4-pole triple pole-changing customized ¹⁾	90 – 160	8th to 10th digit = 1_J	01.05.12	30.09.14	31.12.19	31.12.24	Based on 1LE/1PC platform
1LA9	IE1 with increased output standard series	100 – 160	9th and 10th digit = LA, AA or AB	01.05.12	30.09.13	31.12.18	31.12.23	1LE1002
	IE1 with increased output customized ¹⁾	100 – 160	9th and 10th digit = LA, AA or AB	01.05.12	30.09.14	31.12.19	31.12.24	Based on 1LE/1PC platform
1LF7 1LF9	Single-phase standard series			01.05.12	30.09.13	31.12.18	31.12.23	No successor
	Single-phase customized ¹⁾			01.05.12	30.09.14	31.12.19	31.12.24	No successor
1PK4 1PK5 1PK6 1PK7 1PK9	Built-in motors standard series			01.05.12	30.09.14	30.09.19	30.09.24	1PC8 acc. to customized offer of QC
	Built-in motors customized ¹⁾			01.05.12	30.09.14	31.12.19	31.12.24	Based on 1LE/1PC platform

¹⁾ Important note: Example of customized version (e.g. 1LA7169-2LA61-Z N61).
Definitions of customized options begin with the letters from N to X (without the letter O).

Phase-out 2014 - Part 1

Phase-out announcement 2014 (P.M410) for the following series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement	P.M410 P.M410 Product cancelation (date order receipt) ⁴⁾	P.M490 P.M490 Product discontinuation	P.M500 P.M500 End of product life cycle	Information/successor
1LA9 ¹⁾	IE2 standard series	80 – 160	9th digit = K 2, 4, 6-pole	01.06.13	30.09.14	31.12.19	31.12.24	Preferred IE2, 1LE1001/SH80 to 160/2, 4, 6-pole, 2, 4-pole in Express; Catalog IE2, 1LE1001/SH80 to 160/2, 4, 6-pole; Catalog IE3, 1LE1003/SH80 to 160/2, 4, 6-pole
	IE2 customized ³⁾	80 – 160	9th digit = K 2, 4, 6-pole	01.06.13	30.09.15	31.12.20	31.12.25	Successor based on 1LE/1PC platform
1LG6 ²⁾ ≤ 200 kW	IE2 standard series	180 – 315	9th digit = A 6-pole, 8-pole	01.06.13	30.09.14	31.12.19	31.12.24	Catalog IE2, 1LE1501/SH180 to 315/2, 4, 6, 8-pole; Catalog IE3, 1LE1503/SH180 to 315/2, 4, 6-pole
	IE2 customized ³⁾	180 – 315	9th digit = A 6-pole, 8-pole	01.06.13	30.09.15	31.12.20	31.12.25	Successor based on 1LE/1PC platform
	IE2 increased output – standard series	180 – 315	7th digit = 8 9th digit = A 2, 4, 6-pole	01.06.13	30.09.14	31.12.19	31.12.24	Catalog IE2, 1LE1501/SH180 to 280/2, 4, 6, 8-pole/11th digit = 6
	IE2 increased output – customized ³⁾	180 – 315	7th digit = 8 9th digit = A 2, 4, 6-pole	01.06.13	30.09.15	31.12.20	31.12.25	Successor based on 1LE/1PC platform
	IE3 Premium Efficiency (+D25)	315	Plus option D25 9th digit = A	01.06.13	30.09.14	31.12.19	31.12.24	Catalog IE3 Premium Efficiency 1LE1503/1LE1603/SH100 to 315/2, 4, 6-pole
	IE3 Premium Efficiency (+D25) – customized ³⁾	315	Plus option D25 9th digit = A	01.06.13	30.09.15	31.12.20	31.12.25	Successor based on 1LE/1PC platform
	NEMA Energy Efficient (+D42)	180 – 315	Plus option D42 9th digit = A 2, 4, 6, 8-pole	01.06.13	30.09.14	31.12.19	31.12.24	Catalog NEMA Energy Efficient 1LE1523/1LE1623/SH100 to 315/2, 4, 6-pole
	NEMA Energy Efficient (+D42) – customized ³⁾	180 – 315	Plus option D42 9th digit = A 2, 4, 6, 8-pole	01.06.13	30.09.15	31.12.20	31.12.25	Successor based on 1LE/1PC platform
1MJ6	Zone 1 – standard series	71 – 200		06.12.11	31.12.14	07.02.20 ⁵⁾	07.02.45	No successor in IE1; Catalog IE2, 1MD5/SH71 up to 200 Loher see Prodis: 91487634, date: 2014-04-28
	Zone 1 – customized ³⁾	71 – 200		06.12.11	31.12.14	07.02.20 ⁵⁾	07.02.45	No successor in IE1; successor based on 1MD5 Loher platform

¹⁾ Ex motors and motors for shipbuilding stay in the portfolio for SH80 to 160, option D34 = CEL stays in the portfolio for SH 80-90.

²⁾ Ex motors, 690 V (PM winding) and motors for shipbuilding, option D34 = CEL, 1LG6312-6MA and 1LG6312-8MB stay in the portfolio.
Please note: 1LG6 m12 already in phase-out 2013,
P.M410 standard: 30.09.2013;
P.M410 customized: 30.09.2014.

³⁾ Example of customized version 1LA9134-6KA91-Z **N04**
Definitions of customized options begin with the letters from N to X (without the letter O).
Notice: For customized motors no replacement motor supplies are possible after P.M410.

⁴⁾ Price increase possible after P.M410!

⁵⁾ Due to updated standards acc. to IEC/EN 60079-X there are no replacement motors any more, only spare parts for 5 years.

Phase-out 2014 - Part 2

Phase-out announcement 2014 (P.M410) for the following series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement	P.M410 P.M410 Product cancelation (date order receipt) ²⁾	P.M490 P.M490 Product discontinuation	P.M500 P.M500 End of product life cycle	Information/successor
1MJ7	Zone 1 – standard series	225 – 315		06.12.11	31.12.14	14.02.20 ³⁾	14.02.45	No successor in IE1; Catalog IE2, 1MD5/SH225 up to 315 Loher see Prodis: 91487634, date: 2014-04-28
	Zone 1 – customized ¹⁾	225 – 315		06.12.11	31.12.14	14.02.20 ³⁾	14.02.45	No successor in IE1; successor based on 1MD5 Loher platform
1PP4 ⁴⁾	IE1 – standard series	180 – 315		01.06.13	30.09.14	31.12.19	31.12.24	No successor in IE1; in IE2: 1LE1501+F90/SH180 to 315 on request
	IE1 – customized ¹⁾	180 – 315		01.06.13	30.09.15	31.12.20	31.12.25	No successor in IE1; others on request
1PP6 ⁴⁾	IE2 – standard series	180 – 315		01.06.13	30.09.14	31.12.19	31.12.24	1LE1501/SH180 to 315 on request
	IE2 – customized ¹⁾	180 – 315		01.06.13	30.09.15	31.12.20	31.12.25	Successor based on 1LE/1PC platform only on request
1PP7 ⁴⁾	IE1 – standard series	100 – 160		01.06.13	30.09.14	31.12.19	31.12.24	Catalog IE1: 1LE1002+F90/SH100 to 160
	IE1 – customized ¹⁾	100 – 160		01.06.13	30.09.15	31.12.20	31.12.25	Successor based on 1LE/1PC platform only on request
1PP9 ⁴⁾	Increased output – standard series	80 – 160		01.06.13	30.09.14	31.12.19	31.12.24	Catalog IE2: 1LE1001+F90/SH80 to 160
	Increased output – customized ¹⁾	80 – 160		01.06.13	30.09.15	31.12.20	31.12.25	Successor based on 1LE/1PC platform only on request
1LA7/1LA5/1PP7/1P P5 smoke ex-traction motors	F200/F300 – standard series	80 – 225	9th digit = T 2, 4, 6 pole and pole changing	10.06.13	14.04.14	30.05.19	30.05.24	1PC1300.../1PC1300...-Z Z=F90
	F200/F300 – customized ¹⁾⁵⁾	80 – 225	9th digit = T 2, 4, 6 pole and pole changing	10.06.13	14.04.14	30.05.19	30.05.24	1PC1300...
1LG6/1P P6 smoke ex-traction motors	F200/F300 – standard series	250 – 315	9th digit = T 2, 4, 6 pole and pole changing	10.06.13	14.03.14	30.05.19	30.05.24	1PC1301.../1PC1301...-Z Z=F90
	IF200/F300 – customized ¹⁾⁵⁾	250 – 315	9th digit = T 2, 4, 6 pole and pole changing	10.06.13	14.03.14	30.05.19	30.05.24	1PC1301...
1LA6/1LG6/1PP6 smoke ex-traction motors	F400 – standard series	100 – 315	9th digit = U 2, 4, 6 pole and pole changing	10.06.13	03.02.14	30.05.19	30.05.24	a. Anfr.
	F400 – customized ¹⁾⁵⁾	100 – 315	9th digit = U 2, 4, 6 pole and pole changing	10.06.13	03.02.14	30.05.19	30.05.24	a. Anfr.

¹⁾ Example of customized version 1LA9134-6KA91-Z **N04** (smoke extraction motors 1LA7169-2LA61-Z N61) Definitions of customized options begin with the letters from N to X (without the letter O). Notice: For customized motors no replacement motor supplies are possible after P.M410.

²⁾ Price increase possible after P.M410!

³⁾ Due to updated standards acc. to IEC/EN 60079-X there are no replacement motors any more, only spare parts for 5 years.

⁴⁾ Motors for shipbuilding stay in the portfolio.

⁵⁾ EuP regulation: EG directive 640/2009 plus amendment.

Phase-out 2015

Phase-out announcement 2015 (P.M410) for the following series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement	P.M410 P.M410 Product cancelation (date order receipt) ⁴⁾	P.M490 P.M490 Product dis- continua- tion	P.M500 P.M500 End of product life cycle	Information/successor
1PK30/ 1PK31	Standard series	80 – 160		01.06.14	30.09.15	31.12.20	31.12.25	1PC8
	Customized ³⁾	80 – 160		01.06.14	30.09.16	31.12.21	31.12.26	1PC8/1PC3
Standard series already in phase-out 2012 http://support.automation.siemens.com/WW/view/en/51273976								
1LA5	8/6/4-pole pole-changing customized ³⁾	180 – 200	8th to 10th digit = 1_J	01.06.14	30.09.15	31.12.20	31.12.25	No successor
1LA7 ¹⁾	customized ³⁾	100 – 160	9th and 10th digit ≠ PM	01.06.14	30.09.15	31.12.20	31.12.25	1PC3 basis 1LE10
1LA7	4-pole/2-pole pole-changing customized ³⁾	100 – 160	8th to 10th digit = 0_A	01.06.14	30.09.15	31.12.20	31.12.25	1PC3 basis 1LE101
	6-pole/4-pole pole-changing customized ³⁾	100 – 160	8th to 10th digit = 0_D or 1_D	01.06.14	30.09.15	31.12.20	31.12.25	1PC3 basis 1LE101
	8-pole/4-pole pole-changing customized ³⁾	100 – 160	8th to 10th digit = 0_B	01.06.14	30.09.15	31.12.20	31.12.25	1PC3 basis 1LE101
1LE1 general series	Customized ³⁾	100 – 160	With 0 at 16th digit	01.06.14	30.09.15	31.12.20	31.12.25	1PC3 basis 1LE1001
1LP7 ²⁾	Customized ³⁾	100 – 160		01.06.14	30.09.15	31.12.20	31.12.25	1PC3 basis 1PC1
1LP9 ²⁾	Customized ³⁾	100 – 160		01.06.14	30.09.15	31.12.20	31.12.25	1PC3 basis 1PC1
1PQ6	Ext. fan, customized	100 – 315		01.06.14	30.09.15	31.12.20	31.12.25	No successor
1FH7	Customized ³⁾			01.06.14	30.09.15	31.12.20	31.12.25	No successor
1LA7 Taiwan	Act CNS 14400 customized		9th digit: G	01.06.14	30.09.15	31.12.20	31.12.25	No successor
1LG4 Taiwan	Act CNS 14400 customized		9th digit: G	01.06.14	30.09.15	31.12.20	31.12.25	No successor

¹⁾ Ex motors and motors for shipbuilding with 690 V (PM winding) stay in our portfolio.

²⁾ Motors for shipbuilding stay in our portfolio.

³⁾ Example of customized version 1LA9134-6KA91-Z **N04**
Definitions of customized options begin with the letters from N to X
(without the letter O).
Notice: For customized motors no replacement motor supplies are possible
after P.M410.

⁴⁾ Price increase possible after P.M410!

Phase-out 2016 – Part 1

Phase-out announcement 2016 (P.M410) for the following standard series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement ¹⁾	P.M410 P.M410 Product cancellation (date order receipt) ²⁾	P.M490 P.M490 Product discontinuation	P.M500 P.M500 End of product life cycle	Successor in IE1	Successor in IE2	Successor in IE3
Changed 09/15: Options for marine (E00, E11, E21, E31, E46, E51, E10, F83) ³⁾	Standard series 1LA9, 1PP9	63 – 225		15.06.15	30.09.16	14.06.17	31.12.22	E11, E21, E41, E46, E51, E52, E54; B10, B83 http://support.automation.siemens.com/WW/view/en/106313656		
	Standard series 1LA, 1MA, 1PP, 1LP, 1LG	63 – 315		01.12.15	30.09.16	14.06.17	31.12.22			
	Customer-specific ⁴⁾ 1LA9, 1PP9	63 – 225		15.06.15	30.09.16	14.06.17	31.12.22			
	Customer-specific ⁴⁾ 1LA, 1MA, 1PP, 1LP, 1LG	63 – 315		01.12.15	30.09.16	14.06.17	31.12.22			
1LA5	Standard series 4/2 pole	180 – 225	8th to 10th digit = 0AA	15.06.15	30.09.16	31.12.21	31.12.26	1LE10 SH180/200 on request 1LE15 SH225 on request		
	Customer-specific ⁴⁾ 4/2 pole	180 – 225		15.06.15	30.09.16	31.12.21	31.12.26	on request		
	Standard series 6/4 pole	180 – 225	8th to 10th digit = 0BD or 1BD	15.06.15	30.09.16	31.12.21	31.12.26	SH180/200 in 1LE1012 and SH225 in 1LE15/16 ⁵⁾		
	Customer-specific ⁴⁾ 6/4 pole	180 – 225		15.06.15	30.09.16	31.12.21	31.12.26	SH180/200 based on 1LE1012 and SH225 on 1LE15/16 (1PC3) ⁵⁾		
	Standard series 8/4 pole	180 – 225	8th to 10th digit = 0_B	15.06.15	30.09.16	31.12.21	31.12.26	SH180/200 based on 1LE1011 and SH225 on 1LE15/16 ⁵⁾		
	Customer-specific ⁴⁾ 8/4 pole	180 – 225		15.06.15	30.09.16	31.12.21	31.12.26	SH180/200 based on 1LE1011 and SH 225 on 1LE15/16 (1PC3) ⁵⁾		
1LA7	Standard series 4/2 pole	63 – 90	8th to 10th digit = 0_A	15.06.15	30.09.16	31.12.21	31.12.26	on request		
	Customer-specific ⁴⁾ 4/2 pole	63 – 90	8th to 10th digit = 0_A	15.06.15	30.09.16	31.12.21	31.12.26	on request		
	Standard series 6/4 pole	80/ 90	8th to 10th digit = 0_D or 1_D	15.06.15	30.09.16	31.12.21	31.12.26	on request		
	Customer-specific ⁴⁾ 6/4 pole	80/ 90	8th to 10th digit = 0_D or 1_D	15.06.15	30.09.16	31.12.21	31.12.26	on request		
	Standard series 8/4 pole	80	8th to 10th digit = 0_B	15.06.15	30.09.16	31.12.21	31.12.26	on request		
	Customer-specific ⁴⁾ 8/4 pole	80/ 90	8th to 10th digit = 0_B	15.06.15	30.09.16	31.12.21	31.12.26	on request		
New 09/15: Option D01 (CCC)	Standard series 1LA9	63 – 112	Option D01	01.12.15	30.09.16	31.12.17	31.12.22	1LE10, 1MB10 SH80/90 and 1LE15 SH71 – 90		
	Customer-specific ⁴⁾ 1LA9	63 – 112	customized incl. Option D01	01.12.15	30.09.16	31.12.17	31.12.22	based on 1LE10, 1MB10 and 1LE15		

¹⁾ Extension of warranty is not possible for products in Phase Out.

²⁾ Price increase after P.M410 possible!
New: Standard motors replacement motors are available for 3 years and spare parts available for 5 years.
No customer-specific versions available.

³⁾ Certificates expire, successor in 1LE1-line available, E46 P.M410 at 01.09.2015.

⁴⁾ Example of customized version 1LA9134-6KA91-Z N04
Definitions of customized options begin with the letters from N to X (without the letter O).
Notice: For customized motors no replacement motor supplies are possible after P.M410.

⁵⁾ <http://support.automation.siemens.com/WW/view/en/107724828>
(selection_ordering_data.pdf; no IE-Classification)

Phase-out 2016 – Part 2

Phase-out announcement 2016 (P.M410) for the following standard series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement ¹⁾	P.M410 P.M410 Product cancellation (date order receipt) ²⁾	P.M490 P.M490 Product discontinuation	P.M500 P.M500 End of product life cycle	Successor in IE1	Successor in IE2	Successor in IE3
1LA9 (Ex motors stay in our portfolio) ³⁾	Standard series IE2	180 – 200		15.06.15	30.09.16	31.12.21	31.12.26	not relevant	1LE1001	1LE1003
	Customer-specific ⁴⁾ IE2	180 – 200		15.06.15	31.03.17	31.12.22	31.12.27	not relevant	based on 1LE1001 (1PC3)	based on 1LE1003 (1PC3)
1LA6	Standard series pole-changing	100 – 160	8th digit = 0 or 1	15.06.15	30.09.16	31.12.21	31.12.26	on request		
	Customer-specific ⁴⁾ pole-changing	100 – 160	8th digit = 0 or 1	15.06.15	30.09.16	31.12.21	31.12.26	on request		
1LG4	Standard series pole-changing in 4/2 pole 6/4 pole 8/4 pole	180 – 315	8th to 10th digit = 0_A 0_B 1_D or 0_D	15.06.15	30.09.16	31.12.21	31.12.26	on request		
	Customer-specific ⁴⁾ pole-changing 4/2 pole 6/4 pole 8/4 pole 8/6 pole	180 – 315	8th to 10th digit = 0_A 0_B 1_D or 0_D 0_E	15.06.15	30.09.16	31.12.21	31.12.26	on request		
New 02/16: Option D34 (CEL)	Standard series 1LA9 1LG6	80 – 200 180 – 315	Option D34	01.05.16	30.09.16	31.12.17	31.12.22	1LE10 SH 80 – 200 and 1LE15 SH 180 – 315		
	Customer-specific ⁴⁾ 1LA9 1LG6	80 – 200 180 – 315	Customer-specific incl. Option D34	01.05.16	30.09.16	31.12.17	31.12.22	Based on 1LE10, 1MB10 and 1LE15		
1LE1021 NEMA Energy Efficient ⁵⁾	Standard series	80 – 200		15.06.15	29.02.16	31.12.21	31.12.26	not relevant		SH80–200 in 1LE1023
	Customer-specific ⁴⁾	80 – 200		15.06.15	29.02.16	31.12.21	31.12.26	not relevant		SH80–200 based on 1LE1023 (1PC3)
1LE15/621 NEMA Energy Efficient ⁵⁾	Standard series	71 – 315		15.06.15	29.02.16	31.12.21	31.12.26	not relevant		from SH71 in 1LE15/ 623 NPE
	Customer-specific ⁴⁾	71 – 315		15.06.15	29.02.16	31.12.21	31.12.26	not relevant		based on 1LE15/ 623 NPE (1PC3)
1LA9 Zone 2, 21/22 NEMA Energy Efficient (D42) ⁵⁾	Standard series	63 – 200	Option D42	15.06.15	29.02.16	31.12.21	31.12.46	not relevant		NPE
	Customer-specific ⁴⁾	63 – 200		15.06.15	29.02.16	31.12.21	31.12.46	not relevant		
1LG6 Zone 2, 21/22 NEMA Energy Efficient (D42) ⁵⁾	Standard series	180 – 315	Option D42	15.06.15	29.02.16	31.12.21	31.12.46	not relevant		NPE
	Customer-specific ⁴⁾	180 – 315		15.06.15	29.02.16	31.12.21	31.12.46	not relevant		

NPE: NEMA Premium Efficient

¹⁾ Extension of warranty is not possible for products in Phase Out.

²⁾ Price increase after P.M410 possible!
New: Standard motors replacement motors are available for 3 years and spare parts for 5 years.
No customer-specific versions available.

³⁾ Options that label an ex motor: C27, K30, M72, M73, M74, M75, M38, M39, M34, M35, D32, D35, Y68.

⁴⁾ Example of customized version 1LA9134-6KA91-Z **N04**
Definitions of customized options begin with the letters from N to X (without the letter O).
Notice: For customized motors no replacement motor supplies are possible after P.M410.

⁵⁾ Eagle Line 01.06.2016 legal changes.

Phase-out 2017 – Part 1

Phase-out announcement 2017 (P.M410) for the following standard series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement ¹⁾	P.M410 P.M410 Product cancellation (date order receipt) ²⁾	P.M490 P.M490 Product discontinuation	P.M500 P.M500 End of product life cycle	Successor in IE1	Successor in IE2	Successor in IE3
Motors only for VSD (500V/690V)	Standard series 1LA7 (from Phase-Out 2013), 1LA5, 1LG6	100 – 315	9th and 10th digit = PM	01.05.16	30.07.18	31.12.23	31.12.28	2 pole SH 100 – 132; 4 pole SH 100 – 200 in 1LE1092; 2 pole SH 160 – 280; 4 pole SH 225 – 315 in 1LE1592		
	Customer-specific ³⁾ 1LA7, 1LA5, 1LA6, 1LG4, 1LG6	100 – 315	9th and 10th digit = PM	01.05.16	30.07.18	31.12.23	31.12.28	1PC3 SH100 – 160 basis 1LE1092 1PC3 SH100 – 315 basis 1LE1592 1LE10 + 1LE15/603 on request		
1LA5 (Ex motors stay in our portfolio) ⁴⁾	Standard series IE1	180 – 225		01.05.16	31.03.17	31.12.22	31.12.27	SH180/200 in 1LE1002 SH225 in 1LE1502	SH180/200 in 1LE1001 SH225 in 1LE15/6001	SH180/200 in 1LE1003 SH225 in 1LE15/6003
	Customer-specific ³⁾ IE1	180 – 225		01.05.16	31.03.17	31.12.22	31.12.27	1PC3 basis SH180/200 in 1LE1002 1LE1001 in IE2; 1LE1003 in IE3 1PC3 basis SH225 in 1LE1502 1LE15/6 1LE15/6003		
1LA7 (Ex motors stay in our portfolio) ⁴⁾	Standard series IE1	80/90		01.05.16	31.03.17	31.12.22	31.12.27	SH80/90 in 1LE1002	1LE1001	1LE1003
	Customer-specific ³⁾ IE1	80/90		01.05.16	31.03.17	31.12.22	31.12.27	1PC3 basis SH80/90 in 1LE10 1LE1001 1LE1001		
1LA9 (Ex motors in IE2 stay in our portfolio) ⁴⁾	Standard series IE1 – increased power	80/90 and 180 – 225	9th digit = A, B, C or L	01.05.16	31.03.17	31.12.22	31.12.27	no successor	SH180/200 in 1LE1001-xxx6 SH 225 in 1LE15/601-xxx6	1LE1003-xxx6 1LE15/603-xxx6
	Customer-specific ³⁾ IE1 – increased power and IE2, IE3 pole changing	80 – 225	9th digit = A, B, C, L, S or X	01.05.16	31.03.17	31.12.22	31.12.27	no successor	1PC3 for SH180/200 basis 1LE1001-xxx6 1PC3 for SH225 basis 1LE15/601-xxx6	
	Customer-specific ³⁾ IE2 (from Phase-Out 2016)	180 – 200		15.06.15	31.03.17	31.12.22	31.12.27	not relevant	SH180/200 in 1LE1001	1PC3 basis 1LE1003
	Standard series IE1	100 – 160		01.05.16	31.03.17	31.12.22	31.12.27	SH100 – 160 in 1LE1502	1LE1501 from SH71	1LE1503 from SH71
1LA6 (Ex motors stay in our portfolio) ⁴⁾	Customer-specific ³⁾ IE1	100 – 160		01.05.16	31.03.17	31.12.22	31.12.27	1PC3 from SH100 – 160 basis 1LE1502	1PC3 from 1LE1501	SH71 basis 1LE1503

¹⁾ Extension of warranty (Q80, Q82) is not possible for products in Phase Out.

²⁾ Price increase after P.M410 possible!
New: Standard motors replacement motors are available for 3 years and spare parts for 5 years.
No customer-specific versions available.

³⁾ Example of customized version 1LA9134-6KA91-Z **N04**
Definitions of customized options begin with the letters from N to X (without the letter O).
Notice: For customized motors no replacement motor supplies are possible after P.M410.

⁴⁾ Options that label an ex motor: C27, K30, M72, M73, M74, M75, M38, M39, M34, M35, D32, D35, Y68.

Phase-out 2017 – Part 2

Phase-out announcement 2017 (P.M410) for the following standard series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement ¹⁾	P.M410 P.M410 Product cancellation (date order receipt) ²⁾	P.M490 P.M490 Product discontinuation	P.M500 P.M500 End of product life cycle	Successor in IE1	Successor in IE2	Successor in IE3
1LG4 (Ex motors stay in our portfolio) ⁴⁾	Standard series IE1	180 – 315		01.05.16	31.03.17	31.12.22	31.12.27	SH180 – 315 in 1LE1502	1LE1501 from SH71	1LE1503 from SH71
	Customer-specific ³⁾ IE1	180 – 315		01.05.16	31.03.17	31.12.22	31.12.27	1PC3 basis SH180 – 315 in 1LE1502	1PC3 from SH71 basis 1LE1501	1LE1503
1LG4	Standard series IE1 – increased power	180 – 280	7th digit = 8	01.05.16	31.03.17	31.12.22	31.12.27	SH180 – 280 in 1LE1502 xxx6	SH100 – 280 1LE1501 xxx6	1LE1503 xxx6
	Customer-specific ³⁾ IE1 – increased power	180 – 280	7th digit = 8	01.05.16	31.03.17	31.12.22	31.12.27	1PC3 in SH180 – 280 basis 1LE1502 xxx6	1PC3 from SH100 – 280 basis 1LE1501 xxx6	1LE1503 xxx6
	8-/6-/4-pole Dahlander pole changing connection	180 – 315	8th to 10th digit = 1_J	01.05.16	31.03.17	31.12.22	31.12.27	no successor		
	Customer-specific ³⁾ 8-/6-/4-pole Dahlander pole changing connection	180 – 315	8th to 10th digit = 1_J	01.05.16	31.03.17	31.12.22	31.12.27	on request		
1PP5 incl. pole changing motors, based on 1LA5 Phase-out 2016)	Standard series IE1	180 – 225		01.05.16	31.03.17	31.12.22	31.12.27	SH180/200 in 1LE1002 + F90	1LE1001 + F90	1LE1003 + F90
	Customer-specific ³⁾ IE1	180 – 225		01.05.16	31.03.17	31.12.22	31.12.27	SH180 – 315 in 1LE1502 + F90	SH225 in 1LE15/6001+ F90	1LE15/6003+ F90
1PP7 incl. pole changing motors, based on 1LA7 Phase-out 2016)	Standard series IE1	80 – 90		01.05.16	31.03.17	31.12.22	31.12.27	SH80/90 in 1LE1002 + F90	SH80/90 in 1LE1001 + F90	SH180/200 in 1LE1003 + F90 SH225 in 1LE1503 + F90
	Customer-specific ³⁾	80 – 90		01.05.16	31.03.17	31.12.22	31.12.27	1PC3 basis SH180/200 in 1LE1002 + F90	SH225 in 1LE1502 + F90	1LE1001 + F90 1LE1501 + F90 1LE1503 + F90

¹⁾ Extension of warranty (Q80, Q82) is not possible for products in Phase Out.

²⁾ Price increase after P.M410 possible!
New: Standard motors replacement motors are available for 3 years and spare parts for 5 years.
No customer-specific versions available.

³⁾ Example of customized version 1LA9134-6KA91-Z **N04**
Definitions of customized options begin with the letters from N to X (without the letter O).
Notice: For customized motors no replacement motor supplies are possible after P.M410.

⁴⁾ Options that label an ex motor: C27, K30, M72, M73, M74, M75, M38, M39, M34, M35, D32, D35, Y68.

Phase-out 2017 – Part 3

Phase-out announcement 2017 (P.M410) for the following standard series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement ¹⁾	P.M410 P.M410 Product cancellation (date order receipt) ²⁾	P.M490 P.M490 Product discontinuation	P.M500 P.M500 End of product life cycle	Successor in IE1	Successor in IE2	Successor in IE3
1PP9 incl. pole changing motors, based on 1LA9 Phase-out 2016)	Standard series	80 – 225		01.05.16	31.03.17	31.12.22	31.12.27	SH80 – 200 in 1LE1002 + F90	1LE1001 + F90	in 1LE1003 + F90
	Customer-specific ³⁾	80 – 225		01.05.16	31.03.17	31.12.22	31.12.27	SH225 in 1LE1502 + F90	1LE1501 + F90	1LE1503 + F90
1LP5	Standard series IE1	180 – 200		01.05.16	31.03.17	31.12.22	31.12.27	no successor		
	Customer-specific ³⁾ IE1	180 – 200		01.05.16	31.03.17	31.12.22	31.12.27	on request		
1LP6 (all without crane motors)	Standard series IE1 self-cooling	180 – 315	9th digit ≠ C	01.05.16	31.03.17	31.12.22	31.12.27	no successor		
	Customer-specific ³⁾	180 – 315	9th digit ≠ C	01.05.16	31.03.17	31.12.22	31.12.27	on request		
1LP7	Standard series IE1 self-cooling	80/90		01.05.16	31.03.17	31.12.22	31.12.27	no successor		
	Customer-specific ³⁾	80/90		01.05.16	31.03.17	31.12.22	31.12.27	on request		
1LP9	Standard series IE1/IE2 self-cooling	80/90 and 180 – 225		01.05.16	31.03.17	31.12.22	31.12.27	no successor		
	Customer-specific ³⁾	80/90 and 180 – 225		01.05.16	31.03.17	31.12.22	31.12.27	on request		
1PS0	Standard series and customer-specific IE2/IE3	71 – 315	16th digit = 3	01.12.16	30.04.18 ⁴⁾	31.12.23	31.12.26 (non Ex: 31.12.28)	not relevant	Standard: 1LE1501 1LE1503 SH71 – 315 customer-specific: 1PS0 with 16. digit = 4	
1PS1	Standard series and customer-specific IE2/IE3	71 – 315	16th digit = 3	01.12.16	30.04.18 ⁴⁾	31.12.23	31.12.26	not relevant	Standard: 1MB150 1MB1503 SH71 – 315 customer-specific: 1PS1 with 16. digit = 4	
1PS5	Standard series and customer-specific IE2/IE3	71 – 315	16th digit = 3	01.12.16	30.04.18 ⁴⁾	31.12.23	31.12.26	not relevant	Standard and customer-specific: 1PS5 with 16. digit = 4	

Preview: Delivery of the motors of the old series expires at 30.09.2018.

¹⁾ Extension of warranty (Q80, Q82) is not possible for products in Phase Out.

²⁾ Price increase after P.M410 possible!
New: Standard motors replacement motors are available for 3 years and spare parts for 5 years.
No customer-specific versions available.

³⁾ Example of customized version 1LA9134-6KA91-Z N04
Definitions of customized options begin with the letters from N to X (without the letter O).
Notice: For customized motors no replacement motor supplies are possible after P.M410.

⁴⁾ Due to project business/framework contracts extended phase between P.M400 and P.M410.

Phase-out 2018 – Part 1

Phase-out announcement 2018 (P.M410) for the following standard series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement ¹⁾	P.M410 P.M410 Product cancellation (date order receipt) ²⁾	P.M490 P.M490 Product discontinuation	P.M500 P.M500 End of product life cycle	Successor in IE1	Successor in IE2	Successor in IE3/IE4/IE52
Motors only for VSD (500 V/690 V)	Standard series 1LA7, 1LA5, 1LG6	100 – 315	9th and 10th digit = PM	01.05.16	31.07.18	31.12.23	31.12.28	2 pole SH100 – 132; 4 pole SH100 – 200 in 1LE1092 2 pole SH160 – 280; 4 pole SH225 – 315 in 1LE1592 SH315 up to 250 kW based on 1LE5 Pro		
	Customer-specific ³⁾ 1LA7, 1LA5, 1LA9, 1LA6, 1LG4, 1LG6	100 – 315	9th and 10th digit = PM	01.05.16	31.07.18	31.12.23	31.12.28	1PC3 SH100 – 160 based on 1LE1092 1PC3 SH100 – 315 based on 1LE1592 1PC5 SH315 ab 250 kW based on 1LE5 Pro		
1LA7/1LA9, 1LP7/1LP9, 1PP7/1PP9	Standard series IE1/IE2 IE1 increased power	63/71		01.04.17	31.12.17	31.12.23	31.12.28	1LE1002 + F90 1PC1002 on request	1LE1001 + F90 1PC1001 on request	no successor
	Customer-specific ³⁾	63/71		01.04.17	31.12.17	31.12.23	31.12.28	1PC3 based on 1LE1002	1PC3 based on 1LE1001	no successor
1LA7	Dual Voltage versions	63 – 160	8th digit ≠ 0 or ≠ 1 and 9th digit = B	01.04.17	31.07.18	31.12.23	31.12.28	on request		
	Customer-specific ³⁾ Dual Voltage Versions	63 – 160	8th digit ≠ 0 or ≠ 1 and 9th digit = B	01.04.17	31.07.18	31.12.23	31.12.28	on request		
1LG6 – IE2/IE3 IE2: 1LG6312/318 + D25 IE3: 1LG6312/318 + D41 1LG6 NEMA Premium Efficient MG1	Standard series IE2/IE3 NEMA Premium Efficient MG1	315	9th digit = A or M	01.04.17	31.07.18	31.12.23	31.12.28	no successor		SIMOTICS SD 1LE5 1LE5 at SH315
	Customer-specific ³⁾	315	9th digit = A or M	01.04.17	31.07.18	31.12.23	31.12.28	no successor		1PC4 based on 1LE5
1LP3/1LP4/1LP6 1LG4/1LG6 1LA6 Motors for Cranes	Standard series	132 – 315	9th digit = C	01.04.17	31.07.18	31.12.23	31.12.28	SH132 – 315 1PC1341 IC411 (TEFC) 1PC1361 IC410 (TENV)		
	Customer-specific ³⁾	132 – 315	9th digit = C	01.04.17	31.07.18	31.12.23	31.12.28	Successor based on 1PC3		
1LP3 Roller-table motors	Standard series	112 – 200	9th and 10th digit = RM or RL	01.04.17	31.03.18	31.12.23	31.12.28		⁴⁾	
	Customer-specific ³⁾	112 – 200	9th and 10th digit = RM or RL	01.04.17	31.03.18	31.12.23	31.12.28		⁵⁾	
	Standard series	225 – 400	9th and 10th digit = RM or RL	01.04.17	30.06.18	31.12.23	31.12.28		⁴⁾	
	Customer-specific ³⁾	225 – 400	9th and 10th digit = RM or RL	01.04.17	30.06.18	31.12.23	31.12.28		⁵⁾	

¹⁾ Extension of warranty (Q80, Q82) is not possible for products in Phase Out.

²⁾ Price increase after P.M410 possible!
Replacement motors N-compact standard 10 years; 1PH8 355 standard 2 years, all others standard 3 years available.
No customer-specific versions available.

³⁾ Example of customized version 1LA9134-6KA91-Z **N04**
Definitions of customized options begin with the letters from N to X (without the letter O). Notice: For customized motors no replacement motor supplies are possible after P.M410.

⁴⁾ 1PC141 IC410 (TENV) DOL; 1PC142 IC410 (TENV) VSD operation

⁵⁾ 1PC3 SH112 – 200 or SH225 – 400 based on 1PC14

Phase-out 2018 – Part 2

Phase-out announcement 2018 (P.M410) for the following standard series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement ¹⁾	P.M410 P.M410 Product cancellation (date order receipt) ²⁾	P.M490 P.M490 Product discontinuation	P.M500 P.M500 End of product life cycle	Successor in IE1	Successor in IE2	Successor in IE3/IE4/IE52
N-compact DOL (without Ex; (manufactured in Europe)	1LA8	315 – 450		01.04.17	30.06.18	31.12.28	31.12.33			SH315 – 355 in 1LE5 SH400 – 450 in 1LE5
	1LL8	315 – 450		01.04.17	30.06.18	31.12.28	31.12.33	no successor		
	1LH8	450		01.04.17	30.06.18	31.12.28	31.12.33			SH450 in SIMOTICS FD
	1PP8	315 – 450		01.04.17	30.06.18	31.12.28	31.12.33			SH315 – 355 in 1LE5 + F90 SH400 – 450 in 1LE5 + F90
	1LP8	315 – 450		01.04.17	30.06.18	31.12.28	31.12.33			SH315 – 355 in 1PC5 SH400 – 450 in 1PC5
N-compact VSD (without Ex; (manufactured in Europe)	1LA8	315 – 450	9th digit = P	01.04.17	30.06.18	31.12.28	31.12.33			SH315 – 355 in 1LE5 / SIMOTICSFD
	1PQ8	315 – 450	9th digit = P	01.04.17	30.06.18	31.12.28	31.12.33			SH400 – 450 in SIMOTICSFD
	1LL8	315 – 450	9th digit = P	01.04.17	30.06.18	31.12.28	31.12.33			SH315 – 450 in SIMOTICS FD
	1LH8	450	9th digit = P	01.04.17	30.06.18	31.12.28	31.12.33			SH450 in SIMOTICS FD
	1PP8	315 – 450	9th digit = P	01.04.17	30.06.18	31.12.28	31.12.33			SH315 – 355 in 1LE5 + F90 SH400 – 450 in 1LE5 + F90
	1LP8	315 – 450	9th digit = P	01.04.17	30.06.18	31.12.28	31.12.33			SH315 – 355 in 1PC5 SH400 – 450 in 1PC5
SIMOTICS M	1PH8	355		01.04.17	30.06.18	31.12.28	31.12.33			SIMOTICS FD

¹⁾ Extension of warranty (Q80, Q82) is not possible for products in Phase Out.

²⁾ Price increase after P.M410 possible!
Replacement motors N-compact standard 10 years; 1PH8 355 standard 2 years, all others standard 3 years available.
No customer-specific versions available.

Phase-out 2018 – Part 3

Phase-out announcement 2018 (P.M410) for the following standard series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement ¹⁾	P.M410 P.M410 Product cancellation (date order receipt) ²⁾	P.M490 P.M490 Product discontinuation	P.M500 P.M500 End of product life cycle	Successor in IE1	Successor in IE2	Successor in IE3/IE4/IES2
Ex Motors for Zone 1, 2, 21/22	Ex n/t: 1LA5 Zone 21, 22	180 – 225	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48		1MB15.1/ 1MB16.1	1MB15.3/ 1MB16.3
	Customer-specific ³⁾	180 – 225	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48		1PC3 based on 1MB15.1/ 1MB16.1	1PC3 based on 1MB15.3/ 1MB16.3
	Ex n/t: 1LA6 Zone 2, 22	100 – 160	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48		1MB15.1/ 1MB16.1	1MB15.3/ 1MB16.3
	Customer-specific ³⁾	100 – 160	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48		1PC3 based on 1MB15.1/ 1MB16.1	1PC3 based on 1MB15.3/ 1MB16.3
	Ex n/t: 1LA7 Zone 2, 21, 22	63 – 160	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48	SH100 – 160 in 1MB10.2	1MB10.1	1MB10.3
	Customer-specific ³⁾	63 – 160	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48	1PC3 based on 1MB10.2	1PC3 based on 1MB10.1	1PC3 based on 1MB10.3
	Ex n/t: 1LA9 Zone 2, 21, 22	63 – 225	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48		SH63 – 160 in 1MB10.1 SH180 – 225 in 1MB15.1/ 1MB16.1	SH80 – 160 in 1MB10.3 SH180 – 225 in 1MB15.3/ 1MB16.3
	Customer-specific ³⁾	63 – 225	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48		1PC3 based on 1MB1	1PC3 based on 1MB1
	Ex n/t: 1LG4 Zone 2, 21, 22	180 – 315	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48	no successor	1MB15.1/ 1MB16.1	
	Customer-specific ³⁾	180 – 315	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48		1PC3 based on 1MB15.1/ 1MB16.1	
	Ex n/t: 1LG6, increased power Zone 2, 21, 22	180 – 315	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48		1MB15.1/ 1MB16.1	1MB15.3/ 1MB16.3
	Customer-specific ³⁾	180 – 315	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48		1PC3 based on 1MB15.1/ 1MB16.1	1PC3 based on 1MB15.3/ 1MB16.3

¹⁾ Extension of warranty (Q80, Q82) is not possible for products in Phase Out.

²⁾ Price increase after P.M410 possible!
Replacement motors N-compact standard 10 years; 1PH8 355 standard 2 years, all others standard 3 years available.
No customer-specific versions available.

³⁾ Example of customized version 1LA9134-6KA91-Z **N04**
Definitions of customized options begin with the letters from N to X (without the letter O).
Notice: For customized motors no replacement motor supplies are possible after P.M410.

⁴⁾ Options that label an ex motor: C27, K30, M72, M73, M74, M75, M38, M39, M34, M35, D32, D35, Y68.

Phase-out 2018 – Part 4

Phase-out announcement 2018 (P.M410) for the following standard series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement ¹⁾	P.M410 P.M410 Product cancellation (date order receipt) ²⁾	P.M490 P.M490 Product discontinuation	P.M500 P.M500 End of product life cycle	Successor in IE1	Successor in IE2	Successor in IE3/IE4/IE52
Ex Motors for Zone 1, 2, 21/22 (continuation)	Ex e: 1MA7 Zone 1	63 – 160	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48		SH63 in 1MB1041	SH71 – 160 in 1MB1543/1MB1643
	Customer-specific ³⁾	63 – 160	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48		1PC3 based on 1MB1	
	Ex e: 1MA6 Zone 1	100 – 315	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48			SH180 – 315 in 1MB1543/1MB1643
	Customer-specific ³⁾	100 – 315	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48			1PC3 based on 1MB1
	Ex n/t: 1LA7, pole-changing motors for Zone 2, 21, 22, customer-specific ³⁾	63 – 160	⁴⁾	01.04.17	31.07.18	31.12.23	31.12.48	on request		
N-compact Ex n/t: DOL (manufactured in Europe)	1LA8	315 – 450	⁴⁾	01.04.17	30.06.18	31.12.28	31.12.48			SH315 – 450 1MB5
N-compact Ex n/t: VSD (manufactured in Europe)	1LA8	315 – 450	⁴⁾ 9th digit = P	01.04.17	30.06.18	31.12.28	31.12.48			SH315 – 450 SIMOTICS FD: 1MM1
	1PQ8	315 – 450	⁴⁾ 9th digit = P	01.04.17	30.06.18	31.12.28	31.12.48			SH315 – 450 SIMOTICS FD: 1MQ1
1PS0	Standard series and customer-specific IE2/IE3	71 – 315	16th digit = 3	01.12.16	30.04.18 ⁵⁾	31.12.23	31.12.28		Standard series: 1LE1501 SH71 – 315 Customer-specific 1PS0 with 16th digit=4	Standard series: 1LE1503 SH71 – 315 Customer-specific 1PS0 with 16th digit=4
	Standard series and customer-specific IE2/IE3	71 – 355	16th digit = 4	01.04.17	30.04.18	31.12.23	31.12.28		1LE15/1LE16	1LE15/1LE16 SH355 in 1LE5

¹⁾ Extension of warranty (Q80, Q82) is not possible for products in Phase Out.

²⁾ Price increase after P.M410 possible!
Replacement motors N-compact standard 10 years; 1PH8 355 standard 2 years, all others standard 3 years available.
No customer-specific versions available.

³⁾ Example of customized version 1LA9134-6KA91-Z **N04**
Definitions of customized options begin with the letters from N to X (without the letter O).
Notice: For customized motors no replacement motor supplies are possible after P.M410.

⁴⁾ Options that label an ex motor: C27, K30, M72, M73, M74, M75, M38, M39, M34, M35, D32, D35, Y68.

⁵⁾ Due to project business/framework contracts extended phase between P.M400 and P.M410

Phase-out 2018 – Part 5

Phase-out announcement 2018 (P.M410) for the following standard series

Motor type	Exact definition	Shaft height	Specific designation in the article number	P.M400 P.M400 Phase-out announcement ¹⁾	P.M410 P.M410 Product cancellation (date order receipt) ²⁾	P.M490 P.M490 Product discontinuation	P.M500 P.M500 End of product life cycle	Successor in IE1	Successor in IE2	Successor in IE3/IE4/IE52
1PS1	Standard series and customer-specific IE2/IE3	71 – 315	16th digit = 3	01.12.16	30.04.18 ³⁾	31.12.23	31.12.48		Standard series: 1MB1531/ 1MB1631 SH71 – 315 Customer-specific 1PS1 with 16th digit=4	Standard series: 1MB1533/ 1MB1633 SH71 – 315 Customer-specific 1PS1 with 16th digit=4
	Standard series and customer-specific IE2/IE3	71 – 355	16th digit = 4	01.04.17	30.04.18	31.12.23	31.12.48		Standard series: 1MB1531/ 1MB1631 SH71 – 315	Standard series: 1MB1531/ 1MB1631 SH71 – 315 1MB5 in SH355
1PS5	Standard series and customer-specific IE2/IE3	71 – 315	16th digit = 3	01.12.16	30.04.18 ³⁾	31.12.23	31.12.48		Standard series und Customer-specific 1PS5 with 16th digit=4	Standard series and customer-specific 1PS5 with 16th digit=4
	Standard series and customer-specific IE2/IE3	225 – 355	16th digit = 4	01.04.17	30.04.18 ³⁾	31.12.23	31.12.48		no successor	SH225 – 315 in 1MB15 SH355 in 1MB5
	Standard series and customer-specific IE2/IE3	71 – 200	16th digit = 4	01.04.17	30.04.19	31.12.24	31.12.49		no successor	SH71 – 200 in 1MB15
1PP6	Standard series IE2	100 – 160			28.02.14	31.05.19	31.05.24		no successor	1LE15 on request
	customer-specific IE2	100 – 160			31.07.18	31.12.23	31.12.48		no successor	Successor based on 1LE/1PC-platform only on request
1MD5	Standard series IE2/IE3	225 – 355		01.04.17	30.04.18	31.12.23	31.12.48		no successor	SH225 – 280 in 1MB15 SH315 – 355 in 1MB5
	Standard series IE2/IE3	71 – 200		01.04.17	30.04.19	31.12.24	31.12.49		no successor	SH71 – 200 in 1MB15
ABNT	1LA7	63 – 90	9th digit = E	01.08.17	30.06.18	31.12.23	31.12.28		63 – 90 in 1LE107	
	1LA9	71 – 90	9th digit = H	01.08.17	30.06.18	31.12.23	31.12.28		71 – 90 in 1LE107	
	1LG4	180 – 315	9th digit = E	01.08.17	30.06.18	31.12.23	31.12.28		180 – 315 in 1LE157	

¹⁾ Extension of warranty (Q80, Q82) is not possible for products in Phase Out.

²⁾ Price increase after P.M410 possible!
Replacement motors N-compact standard 10 years; 1PH8 355 standard 2 years, all others standard 3 years available.
No customer-specific versions available.

³⁾ Due to project business/framework contracts extended phase between P.M400 and P.M410

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