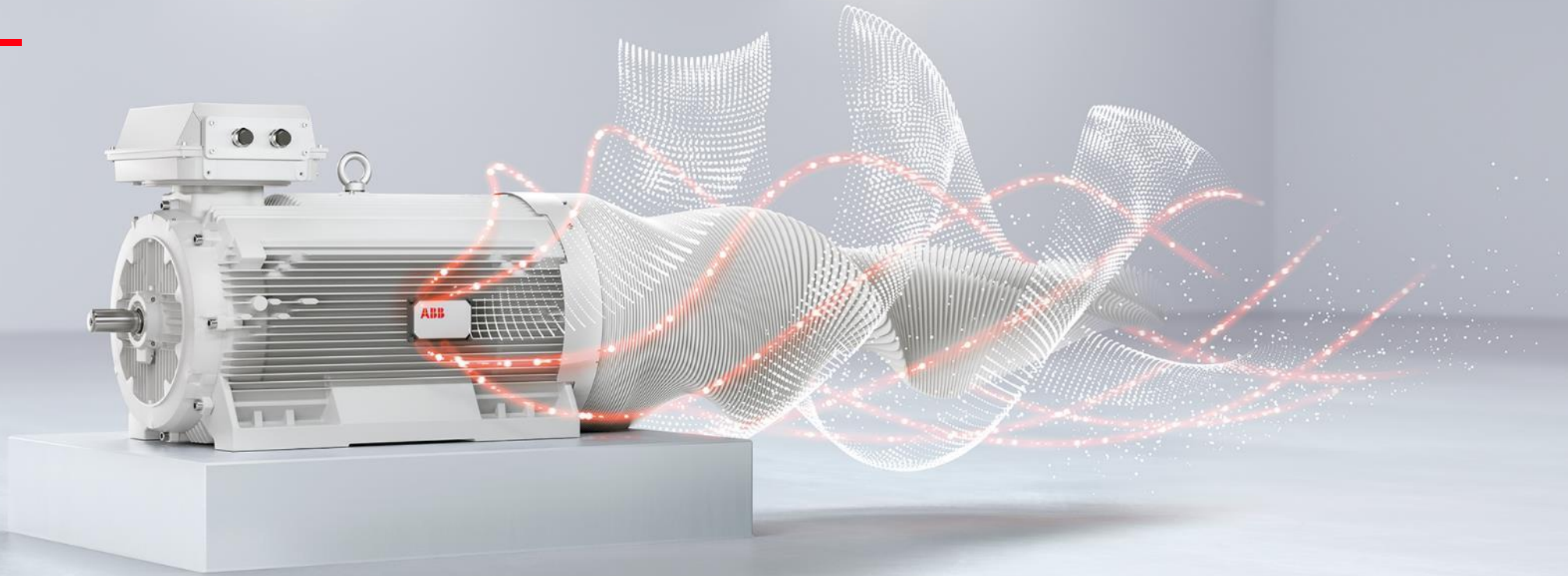




CHRIS LOVELL & WIN HUANG, FEB 11 2019

Product Life Cycle Change Announcement

PL517 Enclosed Starters - Obsolescence Plan

Product Lifecycle Change

Obsolescence Enclosed Starters – PL517



Rationale

The purpose of this life cycle change is to optimize the IEC rated enclosed starter portfolio, improve overall service levels, and leverage the existing EPIS NEMA rated enclosed starter offering

Legacy products

All products within PL517 ABB-Starters-Enclosed excluding the PGs listed below

PL	PG	Description
517	51703	PLASTIC ENCLOSED STARTERS EPACK (DRAF)
517	51705	PUSHBUTTON KITS (NEW)
517	51706	TRANSFORMER KITS (NEW)
517	51707	IEC NON-COMBINATION STARTERS (NEW)
517	51708	IEC COMBINATION STARTERS (NEW)

Life Cycle Changes

Active	Classic/ Limited	Last time buy	Obsolete
Current	02/01/19	3/15/19	3/31/19

Active:

- Released for sale and available to general market
- Actively promoted and fully supported
- Follows current pricing and stocking strategies

Classic

- Released for sale and available to general market
- Notification of product phase out and published Obsolescence Plan
- Reduction in stock levels and available materials based on demand
- Due to manufacturing optimization, classic and limited phases are combined in this announcement.

Limited/ Last time buy

- Limited offering and availability of all product models is not guaranteed
- No replacement of manufacturing equipment and tooling
- No further product development
- Elimination of distribution stock
- Last time buy orders will be processed and fulfilled subject to availability within stated lead time

Obsolete

- No order will be accepted after **March 15, 2019**.
- Any remaining stock will remain available for consumption
- Limited technical and after sales support
- All Special Price Agreement (SPA) rebate will not be accepted after **August 1, 2019**

Product Lifecycle Change

Replacement Products

IEC and NEMA Rated Enclosed Starters (**Obsolete**)

- NEMA size 00-4, up to 600 VAC and 700 HP
- Non-Combo, Combo, Multi speed
- Full voltage non-reversing and reversers available
- NEMA type 1, 4/3R/12, and 4X enclosures
- Rotary handle and 22mm pilot devices



IEC Rated Enclosed Starters – Pro-S

- up to 600 VAC and 125 HP
- Non-Combo, Combo, Two-Speed,
- Full voltage non-reversing and reversers available
- NEMA type 1, 4/12, and 4X enclosures
- Rotary handle and 22mm pilot devices
- Sold as basic starter and kits, quick selection guide available
- Available on March 1st 2019 through TnB access



NEMA Rated Enclosed Starters – 300/400 line

- NEMA size 0-6, up to 600 VAC and 400 HP
- Non-Combo, Combo, Pump Panel, Two-Speed
- Full voltage non-reversing and reversing available
- NEMA type 1, 3R, 12, and 4/4X enclosures
- Flange handle and 30mm pilot devices
- online configurator
- 200 versions stocked for 2 day delivery
- Available immediately through EPIS Channel



Product Lifecycle Change

IEC Rated Enclosed Starters – Pro-S

Pro-S enclosed starters

Quick selection guide

How to order and assemble your starter

- Step 1: select your basic starter as per table 1 or 2
Step 2: select your overload relay as per table 3 and install in starter
Step 3: select your control transformer as per table 4 and install as per picture 1 and 2
Step 4: select your pilot device kit as per table 5 and install as per picture 3 and 4
Step 5: if required, order the auxiliary contacts as per table 6 and clip on to front or side of contactor

Single-phase applications (Table 1)

120V maximum motor HP	Non-combination, across the line starter			Combination across the line starter with non-fusible disconnect switch			Combination across the line starter with fusible disconnect switch		
	Type 1	Type 4/12	Type 4X	Type 1	Type 4/12	Type 4X	Type 1	Type 4/12	Type 4X
0.75	PS-AFAX13	PS-AFAX43	PS-AFAX03	PS-AFAN13	PS-AFAN43	PS-AFAN03	PS-AFAF13	PS-AFAF43	PS-AFAF03
1.5	PS-OFAX13	PS-OFAX43	PS-OFAX03	PS-OFAN13	PS-OFAN43	PS-OFAN03	PS-OFAF13	PS-OFAF43	PS-OFAF03
2	PS-1FAX13	PS-1FAX43	PS-1FAX03	PS-1FAN13	PS-1FAN43	PS-1FAN03	PS-1FAF13	PS-1FAF43	PS-1FAF03
3	PS-2FAX13	PS-2FAX43	PS-2FAX03	PS-2FAN13	PS-2FAN43	PS-2FAN03	PS-2FAF13	PS-2FAF43	PS-2FAF03
7.5	PS-3FAX13	PS-3FAX43	PS-3FAX03	PS-3FAN13	PS-3FAN43	PS-3FAN03	PS-3FAF13	PS-3FAF43	PS-3FAF03

240V maximum motor HP	Non-combination, across the line starter			Combination across the line starter with non-fusible disconnect switch			Combination across the line starter with fusible disconnect switch		
	Type 1	Type 4/12	Type 4X	Type 1	Type 4/12	Type 4X	Type 1	Type 4/12	Type 4X
1.5	PS-AFBX13	PS-AFBX43	PS-AFBX03	PS-AFBN13	PS-AFBN43	PS-AFBN03	PS-AFBF13	PS-AFBF43	PS-AFBF03
3	PS-OFBX13	PS-OFBX43	PS-OFBX03	PS-OFBN13	PS-OFBN43	PS-OFBN03	PS-OFBF13	PS-OFBF43	PS-OFBF03
5	PS-1FBX13	PS-1FBX43	PS-1FBX03	PS-1FBN13	PS-1FBN43	PS-1FBN03	PS-1FBF13	PS-1FBF43	PS-1FBF03
10	PS-2FBX13	PS-2FBX43	PS-2FBX03	PS-2FBN13	PS-2FBN43	PS-2FBN03	PS-2FBF13	PS-2FBF43	PS-2FBF03
15	PS-3FBX13	PS-3FBX43	PS-3FBX03	PS-3FBN13	PS-3FBN43	PS-3FBN03	PS-3FBF13	PS-3FBF43	PS-3FBF03

Three-phase applications (Table 2)

Maximum motor HP				Non-combination, across the line starter			Combination across the line starter with non-fusible disconnect switch			Combination across the line starter with fusible disconnect switch		
208V	240V	480V	600V	Type 1	Type 4/12	Type 4X	Type 1	Type 4/12	Type 4X	Type 1	Type 4/12	Type 4X
2	2	5	7.5	PS-AFSX13	PS-AFSX43	PS-AFSX03	PS-AFSN13	PS-AFSN43	PS-AFSN03	PS-AFSF13	PS-AFSF43	PS-AFSF03
5	5	10	15	PS-OF SX13	PS-OF SX43	PS-OF SX03	PS-OF SN13	PS-OF SN43	PS-OF SN03	PS-OF SF13	PS-OF SF43	PS-OF SF03
10	10	20	25	PS-1FSX13	PS-1FSX43	PS-1FSX03	PS-1FSN13	PS-1FSN43	PS-1FSN03	PS-1FSF13	PS-1FSF43	PS-1FSF03
15	20	40	50	PS-2FSX13	PS-2FSX43	PS-2FSX03	PS-2FSN13	PS-2FSN43	PS-2FSN03	PS-2FSF13	PS-2FSF43	PS-2FSF03
25	30	60	75	PS-3FSX13	PS-3FSX43	PS-3FSX03	PS-3FSN13	PS-3FSN43	PS-3FSN03	PS-3FSF13	PS-3FSF43	PS-3FSF03
40	50	100	125	PS-4FSX13	PS-4FSX43	PS-4FSX03	PS-4FSN13	PS-4FSN43	PS-4FSN03	PS-4FSF13	PS-4FSF43	PS-4FSF03

Note: All standard starter part numbers include a 100...250Vac coil. For different options, please replace the "3" at the end of the part number with the proper code from the table below

Voltage (50/60 Hz):	24 - 60	48 - 130	100 - 250	250 - 500
Coil code:	1	2	3	4



Picture 1



Picture 2



Picture 3



Picture 4





Product Lifecycle Change

IEC Rated Enclosed Starters – Pro-S

Pro-S enclosed starters

Quick selection guide

Overload relay sizing chart (Table 3)

1-phase		3-phase			Part number and Amperage range
120V	240V	208V	240V	480V	
-	-	-	-	-	TF42-0.13 (0.10 ... 0.13)
-	-	-	-	-	TF42-0.17 (0.13 ... 0.17)
-	-	-	-	-	TF42-0.23 (0.17 ... 0.23)
-	-	-	-	-	TF42-0.31 (0.23 ... 0.31)
-	-	-	-	-	TF42-0.41 (0.31 ... 0.41)
-	-	-	-	-	TF42-0.55 (0.41 ... 0.55)
-	-	-	-	-	TF42-0.74 (0.55 ... 0.74)
-	-	-	-	1/2	TF42-1.0 (0.74 ... 1.0)
-	-	-	1/2	3/4	TF42-1.3 (1.0 ... 1.3)
-	1/10	-	-	3/4	TF42-1.7 (1.3 ... 1.7)
-	1/8, 1/6	-	1/2	1	TF42-2.3 (1.7 ... 2.3)
1/10	1/4	1/2	-	1.5, 2	TF42-3.1 (2.3 ... 3.1)
1/8	1/3	-	-	3	TF42-4.2 (3.1 ... 4.2)
1/6	1/2	1	-	5	TF42-5.7 (4.2 ... 5.7)
1/4, 1/3	3/4	1.5, 2	1.5, 2	5	TF42-7.6 (5.7 ... 7.6)
1/2	1	-	3	7.5	TF42-10 (7.6 ... 10)
3/4	1.5, 2	3	-	7.5	TF42-13 (10 ... 13)
1	3	5	-	15	TF42-20 (16 ... 20)
1.5, 2	-	-	7.5	15	TF42-24 (20 ... 24)
-	5	7.5	10	20	TF42-29 (24 ... 29)
-	-	-	-	30	TF65-33 (25 ... 33)
3	7.5	-	-	25	TF65-40 (30 ... 40)
-	-	-	15	30	TF65-47 (36 ... 47)
-	-	-	20	-	TF65-53 (44 ... 53)
-	-	-	-	-	TF65-60 (50 ... 60)
-	-	-	-	-	TF65-67 (57 ... 67)
-	-	-	-	-	TF65-75 (64 ... 75)
5	-	-	-	-	TF65-84 (75 ... 84)
-	15	25	25	60	TF65-96 (84 ... 96)
7.5	-	-	30	-	TF65-110 (96 ... 110)
-	-	-	40	75	TF65-125 (110 ... 125)
-	-	-	-	100	TF65-142 (125 ... 142)

Control transformers (Table 4)

	Primary Voltage	Secondary Voltage	Part number
PS-Axxxx PS-Dxxxx PS-1xxxx PS-2xxxx PS-3xxxx (50VA)	120V	24V	PS-50-120/24
	208V	120V	PS-50-208/120
	208V	24V	PS-50-208/24
	240V	120V	PS-50-240/120
	347V	120V	PS-50-347/120
	480V	120V	PS-50-480/120
PS-4xxxx (100VA)	480V	24V	PS-50-480/24
	600V	120V	PS-50-600/120
	600V	24V	PS-50-600/24
	120V	24V	PS-100-120/24
	208V	120V	PS-100-208/120
	208V	24V	PS-100-208/24
PS-4xxxx (100VA)	240V	120V	PS-100-240/120
	347V	120V	PS-100-347/120
	480V	120V	PS-100-480/120
	600V	120V	PS-100-600/120
	600V	24V	PS-100-600/24
	600V	24V	PS-100-600/24

Pilot device kits (Table 5)

Number of operators	Pilot device type	Description	Part number
1	2 Position Switch	OFF-ON	PS-SL2
	3 Position Switch	HAND-OFF-AUTO	PS-SL3
	Pilot Light	ON	PS-PL
	2 Position Switch	HORS-EN	PS-SL2-F
	3 Position Switch	MAN-HORS-AUTO	PS-SL3-F
	Pilot Light	EN SERVICE	PS-PL-F
2	Push buttons	START / STOP	PS-SS
	Push buttons	START / EMERGENCY STOP	PS-SE
	2 Position Switch + Pilot Light	OFF-ON / ON	PS-SL2i
	3 Position Switch + Pilot Light	HAND-OFF-AUTO / ON	PS-SL3i
	Push buttons	MARCHE / ARRÊT	PS-SS-F
	Push buttons	MARCHE / ARRÊT D'URGENCE	PS-SE-F
3	2 Position Switch + Pilot Light	HORS-EN / EN SERVICE	PS-SL2i-F
	3 Position Switch + Pilot Light	MAN-HORS-AUTO / ON	PS-SL3i-F
	Push buttons + Pilot light	START / STOP / ON	PS-SSI
	2 Position Switch + Pilot lights	OFF-ON / ON / FAULT	PS-SL2iO
	3 Position Switch + Pilot lights	HAND-OFF-AUTO / ON / FAULT	PS-SL3iO
	Push buttons + Pilot light	MARCHE / ARRÊT / EN SERVICE	PS-SSi-F
3	2 Position Switch + Pilot lights	HORS-EN / EN SERVICE / FAUTE	PS-SL2iO-F
	3 Position Switch + Pilot lights	MAN-HORS-AUTO / ON / FAUTE	PS-SL3iO-F

Auxiliary contacts (Table 6)

Type	Part number
1NO	CA4-10 for PS-A,0,1,2,3
1NC	CA4-01 for PS-A,0,1,2,3
2NO / 2NC	CA4-22M for PS-A,0
2NO / 2NC	CA4-22E for PS-1,2,3
1NO / 1NC	CAL-19-11 for PS-4

Ordering example

Customer wants a combination starter with a fusible disconnect switch for a 5HP motor at 600V with a 24Vac coil, with a 3 position selector switch and 2NO/2NC auxiliary contacts all in a type 12 enclosure. You need to order:

- 1) **PS-AFSF41** (as per table 2 for 3-phase starters)
- 2) **TF42-7.6** (as per table 3 for overload relay size)
- 3) **PS-50-600/24** (as per table 4 for control transformers)
- 4) **PS-SL3** (as per table 5 for pilot device kits)
- 5) **CA4-22M** (as per table 6 for auxiliary contacts)



Product Lifecycle Change

References

IEC and NEMA Rated Enclosed Starters (**Obsolete**)

- Product catalog

https://library.e.abb.com/public/7e3b584214ff731385257aee00794cd5/1SXU133052C0201_vFINAL.pdf



IEC Rated Enclosed Starters – Pro-S

- Quick selection guide (double click the icon-📌)
- Product catalog - to be released
- Technical support
eppc.support@us.abb.com
1-888-385-1221



NEMA Rated Enclosed Starters – 300/400 line

- Product catalog
- Product landing page

https://www.geindustrial.com/catalog/controlcatalog/01_CC.pdf?omni_key=PG-CC01

<https://www.geindustrial.com/products/starters/300400-line-full-voltage-starters>





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