Documentation about the progress of status changes within SIMATIC HMI products

SIEMENS

07/15/2026:

Advance information on upcoming PM490 for the HMI Panel families Basic 1st (MLFB: 6AV6647-), Mobile 1st (MLFB: 6AV6645-0AA01-), their connection boxes (MLFB: 6AV6671-), OP077 (MLFB: 6AV6641-), OP/TP/MP 177 (MLFB: 6AV6642-), OP/TP/MP 277 (MLFB: 6AV6643-), and MP377 (MLFB: 6AV6644-)

As part of the planned product discontinuation announcements (PM490) for the above-mentioned HMI panel families effective October 1, 2026, we would like to inform you about an important change.
For some of the devices originally intended for discontinuation, the PM490 announcement will be postponed. Consequently, these products will not be discontinued on October 1, 2026, as initially planned, but will continue to be offered as spare parts for the time being. This measure is intended to provide operators of existing installations with an extended spare parts supply period.
The affected devices will remain available as spare parts beyond the originally planned PM490 date and can continue to be ordered as long as inventory levels and the necessary procurement options remain available. However, long-term availability cannot be guaranteed.
For products that remain in the portfolio, the following therefore applies: Orders can generally be placed, but only subject to actual availability at the time of demand. Customers are advised to review and plan their future spare parts requirements at an early stage. As soon as devices are no longer available, the PM490 can also be declared for these devices during the course of the year.
In such cases, orders will be rejected or cancelled. This may also occur without prior notice.

For selected products, an additional **Long Life Repair (LLR)** service may also be offered after the PM490. This service enables repair support beyond the regular product life cycle. Products for which we offer LLR will be marked with the **S3 return process indicator**. The availability of this service is reviewed regularly and may be discontinued depending on technical feasibility and material availability.

Products that are not affected by this postponement will be discontinued as planned at PM490 and subsequently handled in accordance with the applicable product discontinuation guidelines.

Basic 1st (MLFB: 6AV6647-)

Part number	Name	LLR	return process indicator	P.M490 target date
6AV6647-0AA11-3AX0	KTP400 Basic mono PN	X	U00 → S3	01.10.2026
6AV6647-0AA11-3AX1	KTP400 Basic mono PN	X	G → U00	01.10.2027
6AV6647-0AK11-3AX0	KTP400 Basic color PN	X	U25 → S3	01.10.2026
6AV6647-0AK11-3AX1	KTP400 Basic Color PN	X	U25 → U00	01.10.2027
6AV6647-0AB11-3AX0	KTP600 Basic mono PN	X	U00 → S3	01.10.2026
6AV6647-0AB11-3AX1	KTP600 Basic mono PN	X	U00	01.10.2027
6AV6647-0AC11-3AX0	KTP600 Basic color DP	X	U00 → S3	01.10.2026
6AV6647-0AC11-3AX1	KTP600 Basic color DP	X	U00	01.10.2027
6AV6647-0AD11-3AX0	KTP600 Basic color PN	X	U00 → S3	01.10.2026
6AV6647-0AD11-3AX1	KTP600 Basic color PN	X	U00	01.10.2027
6AV6647-0AE11-3AX0	KTP1000 Basic Color DP	X	U25	01.10.2027
6AV6647-0AF11-3AX0	KTP1000 Basic Color PN	X	U25	01.10.2027
6AV6647-0AG11-3AX0	TP1500 Basic Color PN	X	U25	01.10.2027

Mobile 1st (MLFB: 6AV6645-0AA01-)

Part number	Name	LLR	return process indicator	P.M490 target date
6AV6645-0AA01-0AX0	Mobile Panel 177 DP	X	U25 → S3	01.10.2026
6AV6645-0AB01-0AX0	Mobile Panel 177 DP	X	U25 → S3	01.10.2026
6AV6645-0AC01-0AX0	Mobile Panel 177 DP	X	U25 → S3	01.10.2026
6AV6645-0BA01-0AX0	Mobile Panel 177 PN	X	U25	01.10.2027
6AV6645-0BB01-0AX0	Mobile Panel 177 PN	X	U25 → S3	01.10.2026
6AV6645-0BC01-0AX0	Mobile Panel 177 PN	X	U25 → S3	01.10.2026
6AV6645-0CA01-0AX0	Mobile Panel 277	X	U25	01.10.2027
6AV6645-0CB01-0AX0	Mobile Panel 277	X	U25 → S3	01.10.2026
6AV6645-0CC01-0AX0	Mobile Panel 277	X	U25 → S3	01.10.2026
6AV6645-0BE02-0AX0	Mobile Panel 277 10"	X	U25 → S3	01.10.2026

Anschlussboxen (MLFB: 6AV6671-)

Part number	Name	LLR	return process indicator	P.M490 target date
6AV6671-5AE00-0AX0	ANSCHLUSSBOX DP BASI	X	U00	01.10.2027
6AV6671-5AE10-0AX0	ANSCHLUSSBOX DP PLUS	X	U00	01.10.2027
6AV6671-5AE01-0AX0	ANSCHLUSSBOX PN BASI	X	U00	01.10.2027
6AV6671-5AE11-0AX0	ANSCHLUSSBOX PN PLUS	X	U00	01.10.2027

OP077 (MLFB: 6AV6641-)

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Part number	Name	LLR	return process indicator	P.M490 target date
6AV6641-0CA01-0AX1	Operator Panel OP77B (2C)	X	U55 → U25	01.10.2027

OP/TP/MP 177 (MLFB: 6AV6642-)

Part number	Name	LLR	return process indicator	P.M490 target date
6AV6642-0BA01-1AX1	TP177B 6" PN/DP Color	X	U55 → U25	01.10.2027
6AV6642-0BC01-1AX1	TP177B 6" DP Blue Mode			01.10.2026
6AV6642-0BD01-3AX0	TP177B 4" PN/DP Color	X	U45 → U25	01.10.2027
6AV6642-0DA01-1AX1	OP177B 6" PN/DP 256 Color	X	U55 → U25	01.10.2027
6AV6642-0DC01-1AX1	OP177B 6" DP Blue Mode			01.10.2026
6AV6642-0EA01-3AX0	SIMATIC MP 177 6" Touch	X	U55 → U25	01.10.2027

OP/TP/MP 277 (MLFB: 6AV6643-)

Part number	Name	LLR	return process indicator	P.M490 target date
6AV6643-0AA01-1AX0	TP 277 6"	X	U55 → S3	01.10.2026
6AV6643-0BA01-1AX0	OP 277 6"	X	U55 → S3	01.10.2026
6AV6643-0CB01-1AX1	SIMATIC MP 277 8" Touch	X	U55 → U25	01.10.2027
6AV6643-0CB01-1AX2	SIMATIC MP 277 8" Touch	X	U55 → S3	01.10.2026
6AV6643-0CD01-1AX1	SIMATIC MP 277 10" Touch	X	U55 → U25	01.10.2027
6AV6643-0CD01-1AX2	SIMATIC MP 277 10" Touch	X	U55 → U25	01.10.2027
6AV6643-0DB01-1AX1	SIMATIC MP 277 8" Key	X	U25	01.10.2027
6AV6643-0DB01-1AX2	SIMATIC MP 277 8" Key	X	U25	01.10.2027
6AV6643-0DD01-1AX2	SIMATIC MP 277 10" Key	X	U55 → U25	01.10.2027

MP377 (MLFB: 6AV6644-)

Part number	Name	LLR	return process indicator	P.M490 target date
6AV6644-0AA01-2AX0	SIMATIC MP 377 12" Touch	X	U55 → S3	01.10.2026
6AV6644-0AB01-2AX0	SIMATIC MP 377 15" Touch	X	U55 → U25	01.10.2027
6AV6644-0AC01-2AX1	SIMATIC MP 377 19" Touch	X	U55 → S3	01.10.2026
6AV6644-0BA01-2AX1	SIMATIC MP 377 12" Key	X	U55 → S3	01.10.2026
6AV6644-2AB01-2AX0	MP 377 Pro 15" Touch	X	U55 → U25	01.10.2027

06/03/2026:

In order to maintain the supply of repairs and spare parts until the P.M490 target date, it is now necessary to return a defective part (return label U..) in order to obtain a replacement part for the following products (see table below).

Artikelnummer	Name	P.M490 Ziel
6AV6645-0AA01-0AX0	Mobile Panel 177 DP	01.10.2026
6AV6645-0AB01-0AX0	Mobile Panel 177 DP	01.10.2026
6AV6645-0AC01-0AX0	Mobile Panel 177 DP	01.10.2026
6AV6645-0BA01-0AX0	Mobile Panel 177 PN	01.10.2026
6AV6645-0BB01-0AX0	Mobile Panel 177 PN	01.10.2026
6AV6645-0BC01-0AX0	Mobile Panel 177 PN	01.10.2026
6AV6645-0CA01-0AX0	Mobile Panel 277	01.10.2026
6AV6645-0CB01-0AX0	Mobile Panel 277	01.10.2026
6AV6645-0CC01-0AX0	Mobile Panel 277	01.10.2026
6AV6645-0BE02-0AX0	Mobile Panel 277 10"	01.10.2026

In order to maintain the supply of repairs and spare parts until the P.M490 target date, it is now necessary to return a defective part (return label U..) in order to obtain a replacement part for the following products (see table below).

Artikelnummer	Name	P.M490 Ziel
6AV6647-0AK11-3AX1	SIMATIC HMI KTP400 Basic Color PN	01.10.2026
6AV6647-0AE11-3AX0	KTP1000 Basic Color DP	01.10.2026
6AV6647-0AF11-3AX0	KTP1000 Basic Color PN	01.10.2026
6AV6647-0AG11-3AX0	SIMATIC HMI TP1500 Basic Color PN	01.10.2026

In order to maintain the supply of repairs and spare parts until the P.M490 target date, it is now necessary to return a defective part (return label U..) in order to obtain a replacement part for the following products (see table below).

Artikelnummer	Name	P.M490 Ziel
6AV6643-0DB01-1AX1	SIMATIC MP 277 8" Key	01.10.2026
6AV6643-0DB01-1AX2	SIMATIC MP 277 8" Key	01.10.2026

03/09/2026

In order to maintain the supply of repairs and spare parts until the P.M490 target date, it is now necessary to return a defective part (return label U..) in order to obtain a replacement part for the following products (see table below).