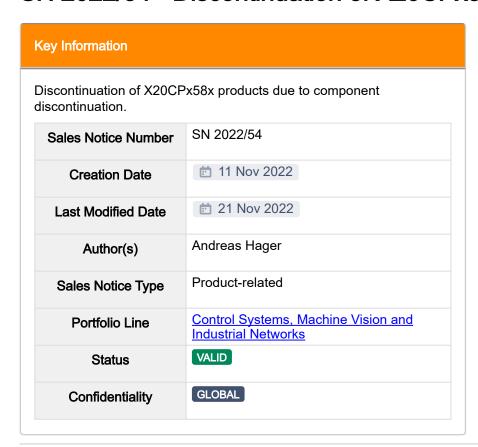# SN 2022/54 - Discontinuation of X20CPx58x PLC series

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SN 2022/54 - Discontinuation of X20CPx58x PLC series

Key Information

Discontinuation of X20CPx58x products due to component discontinuation.

Sales Notice Number	SN 2022/54
Creation Date	🗓 11 Nov 2022
Last Modified Date	🗓 21 Nov 2022
Author(s)	Andreas Hager
Sales Notice Type	Product-related
Portfolio Line	Control Systems, Machine Vision and Industrial Networks
Status	VALID
Confidentiality	GLOBAL

Affected products

As already indicated during our last quarterly updates, we have to discontinue our X20CPx58x PLC series. Please see next sections for successor products and important procedures.
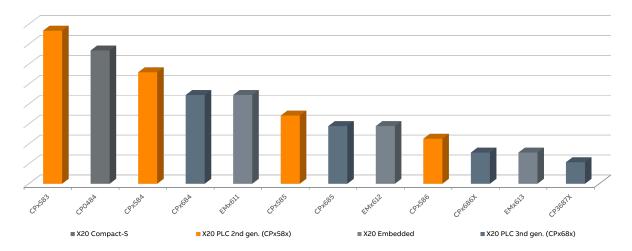
Material	Description
X20CP1583	X20 CPU ATOM, 0.3GHz, PLK, 1x IF
X20CP1584	X20 CPU ATOM, 0.6GHz, PLK, 1x IF
X20cCP1584	X20c CPU ATOM, 0.6GHz, PLK, 1x IF
X20CP1585	X20 CPU ATOM, 1.0GHz, PLK, 1x IF
X20CP1586	X20 CPU ATOM, 1.6GHz, PLK, 1x IF
X20cCP1586	X20c CPU ATOM, 1.6GHz, PLK, 1x IF
X20CP3583	X20 CPU ATOM, 0.3GHz, PLK, 3x IF
X20CP3584	X20 CPU ATOM, 0.6GHz, PLK, 3x IF
X20cCP3584	X20c CPU ATOM, 0.6GHz, PLK, 3x IF
X20CP3585	X20 CPU ATOM, 1.0GHz, PLK, 3x IF
X20CP3586	X20 CPU ATOM, 1.6GHz, PLK, 3x IF
X20cCP3586	X20c CPU ATOM, 1.6GHz, PLK, 3x IF

Successor products

The direct successor PLC series is the X20CPx68x PLC family and is part of our portfolio since 2020.

Depending on the use case / requirements also the Compact-S (X20CP04xx) as well as the X20 Embedded (X20EMx61x) products could be used as a successor.

Performance chart

Legend: ■ X20 Compact-S   ■ X20 PLC 2nd gen. (CPx58x)   ■ X20 Embedded   ■ X20 PLC 3nd gen. (CPx68x)

Chart categories (left to right): CPx583, CP0484, CPx584, CPx684, EMx611, CPx585, CPx685, EMx612, CPx586, CPx686X, EMx613, CP3687X

Successor matrix

Material	Successor product Compact-S	Successor product X20CPx68x	Successor product X20EMx61x
X20CP1583	X20CP0484 / X20CP0484-1 ARM processor Up to 512 MB RAM 400 µs cycle time Automation Studio 4.3 or newer	X20CP1684 512 MB RAM 400 µs cycle time Automation Studio 4.7 or newer	X20EMx611 512 MB RAM 400 µs cycle time Automation Studio 4.11 or newer
X20CP1584		X20CP1684 512 MB RAM Automation Studio 4.7 or newer	X20EMx611 512 MB RAM Automation Studio 4.11 or newer
X20cCP1584		X20cCP1684 expected Q3/2023	
X20CP1585		X20CP1685 512 MB RAM Automation Studio 4.7 or newer	X20EMx612 768 MB RAM Automation Studio 4.11 or newer
X20CP1586		X20CP1686X 1 GB RAM Automation Studio 4.7 or newer	X20EMx613 1 GB RAM Automation Studio 4.11 or newer
X20cCP1586		X20cCP3687X expected Q3/2023	
X20CP3583		X20CP3684 512 MB RAM 400 µs cycle time Automation Studio 4.7 or newer	
X20CP3584		X20CP3684 512 MB RAM Automation Studio 4.7 or newer	
X20cCP3584		X20cCP3687X expected Q3/2023	

Material	Successor product Compact-S	Successor product X20CPx68x	Successor product X20EMx61x
X20CP3585		X20CP3685 512 MB RAM Automation Studio 4.7 or newer	
X20CP3586		X20CP3686X / X20CP3687X Up to 2 GB RAM Automation Studio 4.7 or newer	
X20cCP3586		X20cCP3687X expected Q3/2023	

Successor certification matrix

	Successor product Compact-S	Successor product X20CPx68x	Successor product X20EMx61x
CE	Yes	Yes	Yes
UL	Yes	Yes	expected Q2/2023
Maritime	Yes	expected Q2/2023	expected Q2/2023
ATEX / HazLoc	on demand / request	on demand / request	on demand / request

Procedure

Details regarding the discontinuation procedure and the data distribution to our customers will be provided in the wE-Talk **"wE-talk >>> Update discontinuation ACOPOS - along the new Life Cycle Process"** on November 30th and will be also used for this discontinuation.

Upfront information to customers is recommended to be provided at any time.

Ramp up X20CPx68x & X20 Embedded

We will also ramp-up the production quantities of the successor products, X20CPx68x and X20 Embedded, and improved availability will be starting in Q2/2023 - further details on the ramp up-planning will follow in January 2023.

Lifecycle data

2023-02-28   Last Time Buy*

2026-02-28   Last Shipment

2029-02-28   End of Repair

*We are sorry for the inconvenience caused by the short notice period, this was imposed due to component discontinuation. For this reasons this discontinuation will be processed with the "old" discontinuation process.