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New option cards for Altivar Process ATV600

Extra communication modules are available for Altivar Process - series ATV600 - to enrich the possibilities in communicating with the variable speed drive.

NEW - BACnet communication card

With this communication module, ATV600 can now be linked directly to a **BACnet MS/TP** architecture.
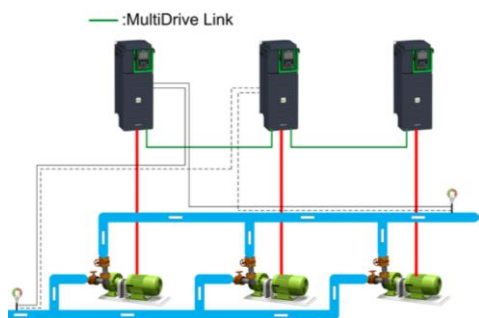

VW3A3725

VW3A3721

EtherNet/IP communication card with MD-link

This communication module is identical to the standard EtherNet/IP and Modbus TCP dual port module (VW3A3720) but has in addition a **M**ultidrive-**Link** feature which gives access to the Multiple Pumps functions of the Altivar 600 range. By using Multi-Drive Link, Multiple Drives architectures can be configured as Master/Slave as well as Multi-Master applications

─ :MultiDrive Link

INFORMATION AT A GLANCE

BACnet Communication module

- Communication protocol: BACnet MS/TP
- Communication service:
  AV, BV, MSV for BACnet MS/TP
  COV notification
- Transmission rate:
  9,6 / 19,2 / 38,7 / 76,8 kbit/s
- Network type: RS485, 2 twisted pairs
- Commercial reference: **VW3A3725**
- Supported by ATV6xx firmware from version V1.8

EtherNet/IP, Modbus TCP, MD-Link communication module

- Dual RJ45 port
- 10/100 Mbps, half duplex and full duplex
- Embedded Web server
- MultiDrive-Link features
- Commercial reference: **VW3A3721**

Discover here some examples of Multiple Pump architectures with MD-Link:

➢ **Application note "Multi-Masters Booster Control with Pressure Feedback"**

➢ **Application note "Multi-Drives Standard Level Control"**

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Altivar Machine ATV320 for 600V applications

ATV320 variable speed drives, as part of the Altivar Machine family, is the perfect solution for controlling three-phase asynchronous or synchronous motors in the most common applications, like material handling, packaging, textiles, hoisting, material working and many more. ATV320 is available in 2 formats: book and compact.

For applications with supply voltage above 500V, the Altivar ATV320 range with compact control block contains now also products suited for three-phase supply voltage up to 600V.

Altivar 320Compact - 525…600V

8 references with power ratings from 0,75 kW up to 15 kW.

ATV320U07S6C

ATV320U15S6C

INFORMATION AT A GLANCE

ATV320C commercial references

Power rating	3-phase Supply voltage 525…600V 50/60Hz
0,75 kW	**ATV320U07S6C**
1,5 kW	**ATV320U15S6C**
2,2 kW	**ATV320U22S6C**
4 kW	**ATV320U40S6C**
5,5 kW	**ATV320U55S6C**
7,5 kW	**ATV320U75S6C**
11 kW	**ATV320D11S6C**
15 kW	**ATV320D15S6C**

- 600V versions are delivered without EMC filter. A line choke is mandatory with ATV320…S6C (To be ordered separately)

Download here the latest version of the Altivar ATV320 catalogue

By adding these references, ATV320 now covers a supply voltage range from 200 to 600V - 0,18 to 15kW

Supply voltage 50/60Hz	Power rating 3-phase motor
Single-phase 200…240V	ATV320C: 0,18 to 2,2 kW ATV320B: 0,18 to 2,2 kW
Three-phase 200…240V	ATV320C: 0,18 to 15 kW
Three-phase 380…500V	ATV320C: 0,37 to 4 kW ATV320B: 0,37 to 15 kW
Three-phase 525…600V	ATV320C: 0,75 to 15 kW

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New vibrant color palette for Harmony XB4 & XB5

New

Old

Some changes in the Harmony XB4 & XB5 offer

To offer a modern and vibrant color palette for the Harmony offer, we will change slightly the green and blue color for all XB4 & XB5 non-illuminated functions.
For the complete plastic XB5 offer, we will also change the color of the black nut into green. This in order to harmonize the design over the full Schneider Electric offer.

Logistic handling :
- No change in commercial references
- Timing: production shift week 5 of January 2018
- Distribution centers will empty their old stocks in FIFO

Old   New

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Improve operator efficiency with better feedback

New & improved Harmony buzzers

The current Harmony XB5KS* buzzer range will improve and expand. Today's references (XB5KSB, XB5KSG, XB5KSM) will stay the same but the main changes are on design, robustness and on technical level:

- The design will change from square to round
- The protection degree will change from IP40 to IP66/67/69/69K
- The soundlevel wil improve from 85dB/10cm to 90dB/10cm

All these changes will result in a better product for a better price.
Next to that, we will also expand the range with illuminated (yellow & red) versions.

These changes will be implemented in week 5 2018 following the FIFO principle.
To learn more about it, please check out this document.
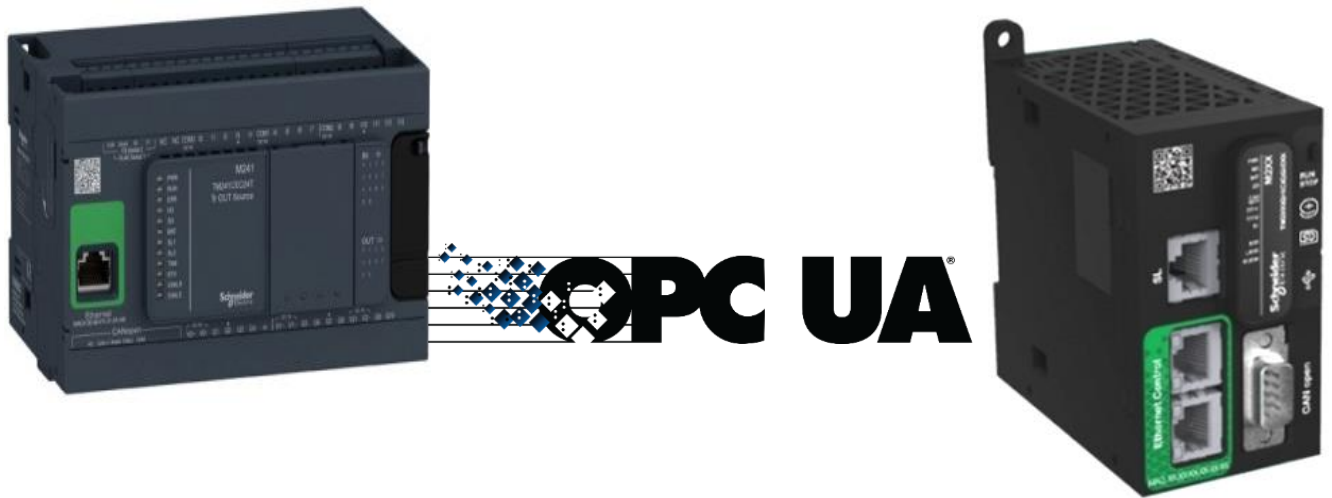
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TM241/TM251 goes IIoT with OPC UA

OPC UA is a key enabler for smart machines.

- OPC UA provides the necessary infrastructure for interoperability across the enterprise, from machine-to-machine, machine-to-enterprise and everything.

Keypoints about the OPC UA server embedded in TM241/TM251

- Direct link from Controller to OPC UA Client
- No executable program to install, No additional PC on the same subnet & No gateway anymore
- OPC UA TCP binary protocol without encryption
- Focus on Data Access part of OPC UA specification .
- 4 OPC UA Clients (Sessions) maximum connected simultaneously
- Server Implemented with Unified Automation ANSI C Stack
- OPC UA Server has no impact on IEC processing time and CANOpen
- & Ethernet IO Scanner performance.

Discover the new Magelis GTU Open Box

With the launch of the new Magelis GTU Open Box v2, we do not only double the speed, but also the system memory (Cfast 32 GB)! The video interface has no longer limitations what makes it perfect for large external monitors. It's the perfect replacement for your current HMIG5U that wil enter the end of life status in april 2018. The original Vijeo Designer HMI application can be re-used totally but requires to re-configure the HMI application changing only the HW target. (From HMIG5U to HMIG5U2). The hardware structure between the current and the new GTU Open Boxes is different, therefore the OS (Windows) image is not the same. We can provide you a new OS image. A small limitation is that the USB mini-B port on GTU Open Box and on the display can not be used at the same time. The new GTU Open Box can be ordered with reference **HMIG5U2** and programmed with *VijeoDesigner V6.2 SP5.1* or higher.

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