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User Manuals Simplified.

Schneider Electric VW3 Series Ethercat 2 x RJ45 communication module Instruction Manual

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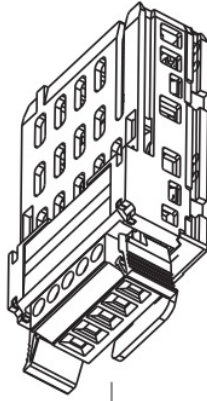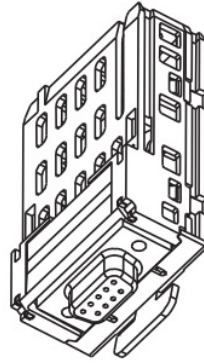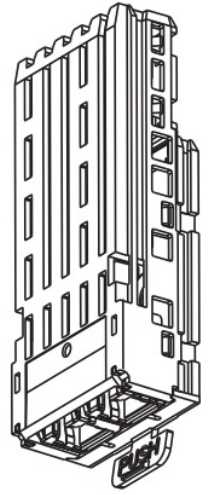
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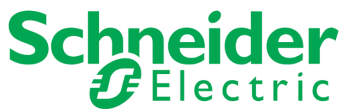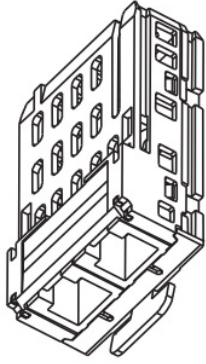
VW3A3601 / VW3A3608 VW3A3616 / VW3A3627 VW3A3619	VW3A3609 VW3A3628 VW3A3725 VW3M3301	VW3A3607 VW3A3618	VW3A3720 VW3A3721 VW3M3308 VW3A3530D

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Only appropriately trained persons who are familiar with and fully understand the contents of the present manual and all other pertinent product documentation and who have received all necessary training to recognize and avoid hazards involved are authorized to work on and with this drive system.
- Installation, adjustment, repair and maintenance must be performed by qualified personnel.
- Verify compliance with all local and national electrical code requirements as well as all other applicable regula-tions with respect to grounding of all equipment.
- Only use properly rated, electrically insulated tools and measuring equipment.
- Do not touch unshielded components or terminals with voltage present.
- Prior to performing any type of work on the drive system, block the motor shaft to prevent rotation.
- Insulate both ends of unused conductors of the motor cable.
- Do not short across the DC bus terminals or the DC bus capacitors or the braking resistor terminals.
- Before performing work on the drive system:
  - Disconnect all power, including external control power that may be present.
  - Place a "Do Not Turn On" label on all power switches.
  - Lock all power switches in the open position.
  - Wait 15 minutes to allow the DC bus capacitors to discharge. The DC bus LED is not an indicator of the absence of DC bus voltage that can exceed 800 Vdc.
  - Measure the voltage on the DC bus between the DC bus terminals (PA/+ and PC/-) using a properly rated voltmeter to verify that the voltage is <42 Vdc.
  - If the DC bus capacitors do not discharge properly, contact your local Schneider Electric representative. Do not repair or operate the product.

Before applying voltage to the drive system

- Verify that the work has been completed and that the entire installation cannot cause hazards.
- If the mains input terminals and the motor output terminals have been grounded and short-circuited, remove the ground and the short circuits on the mains input terminals and the motor output terminals.
- Verify proper grounding of all equipment.
- Verify that all protective equipment such as covers, doors, grids is installed and/or closed.

Failure to follow these instructions will result in death or serious injury.

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this product.

Option Module		Altivar Machine			Altivar Process		Altivar Soft Starter	Lexium	MV Drive
		ATV32	ATV320	ATV340 (1)	ATV600 (2)	ATV900	ATS480	LXM32	ATV6000
		Device version ≥ (Option Module version ≥)							
VW3A3601	EtherCAT	V1.2IE03 (V1.1IE08)	V2.7IE23 (V1.9IE09)	V1.1IE02 (V1.11IE01)		V1.2IE02 (V1.8IE05)		V1.4IE06 (V1.1IE08)	✓
VW3A3607	PROFIBUS DP	V1.1IE01 (V1.5IE01)	V2.7IE23 (V1.12IE01)	V1.1IE02 (V1.12IE01)	V1.1IE01 (V1.9IE01)	V1.1IE01 (V1.10IE01)	V1.1IE01 (V1.16IEXX)	V1.0IE03 (V1.3IE01)	✓
VW3A3608 VW3A3618 VW3A3628	CANopen	V1.2IE03 (V1.1IE01)	V2.7IE23 (V1.1IE01)	V1.1IE02 (V1.1IE01)	V1.1IE01 (V1.1IE01)	V1.1IE01 (V1.1IE01)	V1.1IE01 (V1.1IE01)	V1.0IE03 (✓)	✓
VW3A3609	DeviceNet	V1.1IE01 (V1.1IE01)	V2.7IE23 (V1.8IE01)	V1.1IE02 (V1.8IE01)	V1.1IE01 (V1.5IE05)	V1.1IE01 (V1.5IE05)			✓
VW3A3616	Ethernet TCP/IP	V1.1IE01 (V1.2IE01)	V2.7IE23 (V1.EIE01)					V1.0IE03 (V1.1IE31)	
VW3A3619	POWERLINK	V1.5IE08 (V1.0IE08)	V2.7IE23 (V1.0IE08)	V1.5IE10 (V1.1IE04)	V2.2IE24 (V1.1IE04)	V1.8IE14 (V1.1IE04)			
VW3A3627	PROFINET	V1.8IE11 (V1.0IE15)	V2.7IE23 (V1.6IE01)	V1.1IE02 (V1.6IE01)	V1.1IE01 (V1.3IE01)	V1.1IE01 (V1.3IE01)			✓
VW3A3720	Ethernet IP / Modbus TCP				V1.5IE11 (3) (V1.8IE12)		V1.1IE01 (V1.15IEXX)		
VW3A3721	Ethernet IP / Modbus TCP + MultiDrive Link				V1.6IE12 (3) (V1.8IE13)		V1.1IE01 (V1.15IEXX)		
VW3A3725	BACnet MS/TP				V1.7IE16 (V1.1IEXX)				
VW3M3301	DeviceNet							≥V1.0IE03 ≤V1.20IE05 (V1.0)	
VW3M3308	PROFINET							V1.24IE03 (V1.0IE11)	
VW3A3530D	ATV dPAC Module				Upcoming commercialization, for the Altivar Firmware Version, contact your Schneider Electric Customer Care Center on www.se.com/CCC				

(1) Fieldbus modules can not be used on the ATV340••••N4S and ATV340••••N4E ≤ 22kW. For more information, see the ATV340 Installation Manual (NVE61069).
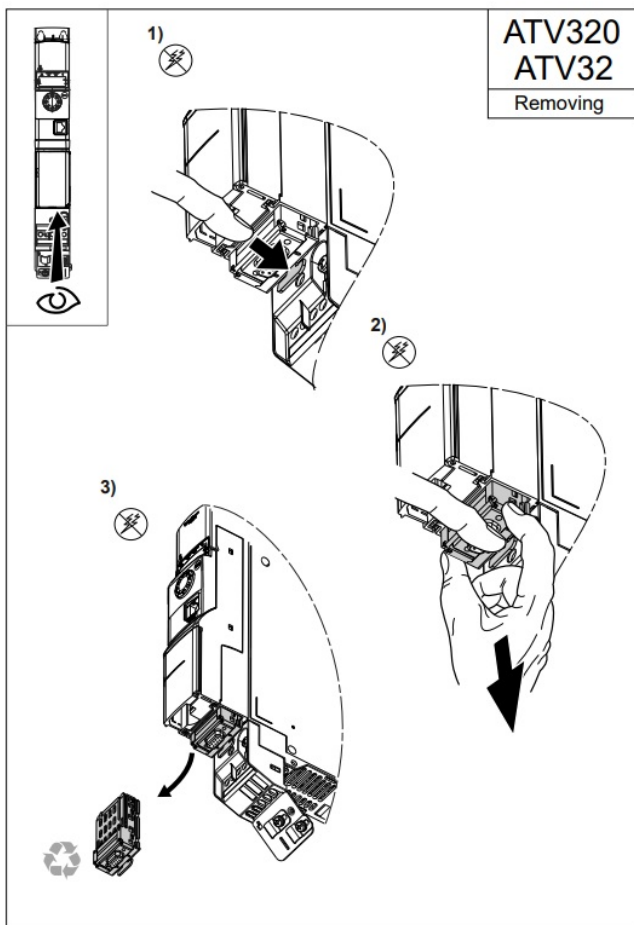(2) ATV610 is compatible only with VW3A3607 PROFIBUS DP fieldbus module.
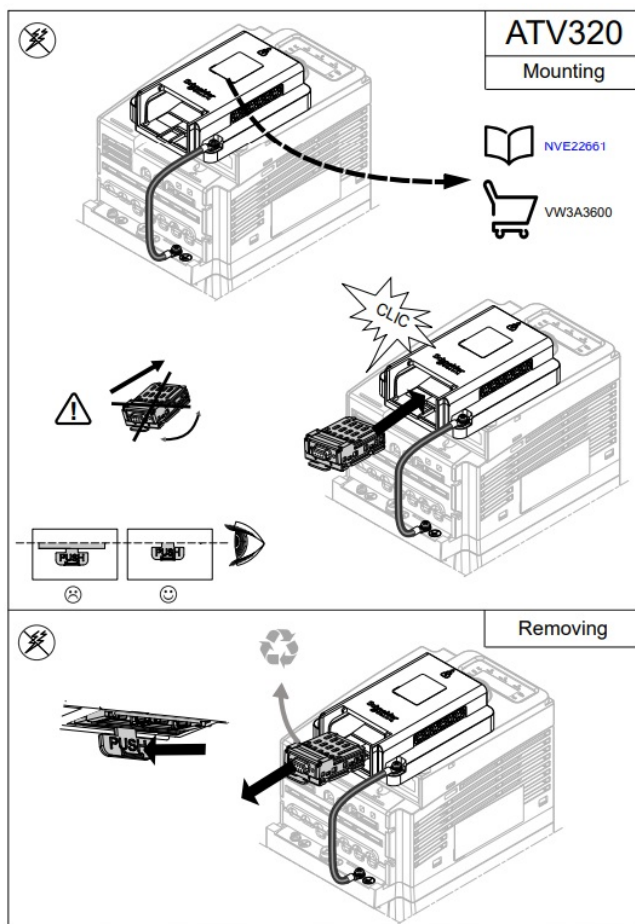(3) Drive version ≥ V2.2IE24 is only compatible with module version ≥ V1.15IE18.

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Slot 3

GP-SF
GP-ENC Ⓔ
GP-FB

2 CLIC

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Mounting

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STATUS
⚠ ASF
ETH LNK
ETH NS
COM

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VW3A3618 | VW3A3609 | VW3A3725 | VW3A3619 | VW3A3500

LNK1	LNK1	RUN	RUN	---	TX	L/A1	LNK1
MS	BF	BF	ERR	MNS	MS	S/E	RUN/ERR
NS	SF	---	---	---	---	---	NS
A3	LNK2	---	---	---	RX	L/A2	LNK2

ATV340, ATV900

STATUS
⚠ ASF
LNK1
MS
NS
LNK2
COM

VW3A3601 | VW3A3627 | VW3A3607 | VW3A3628
VW3A3618 | VW3A3609 | VW3A3619 | VW3A3500

ERR	SF		RUN			RUN/ERR
ECT	BF	BF	ERR	MNS	S/E	NS
RUN						

2) ⚡ ⚠

3) ⚡

4) ⚡ ☹ ☺
B ☒   A ☐

5) ⚡ ☹ ☺
PUSH   PUSH

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1) ⚡

2) ⚡

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parts

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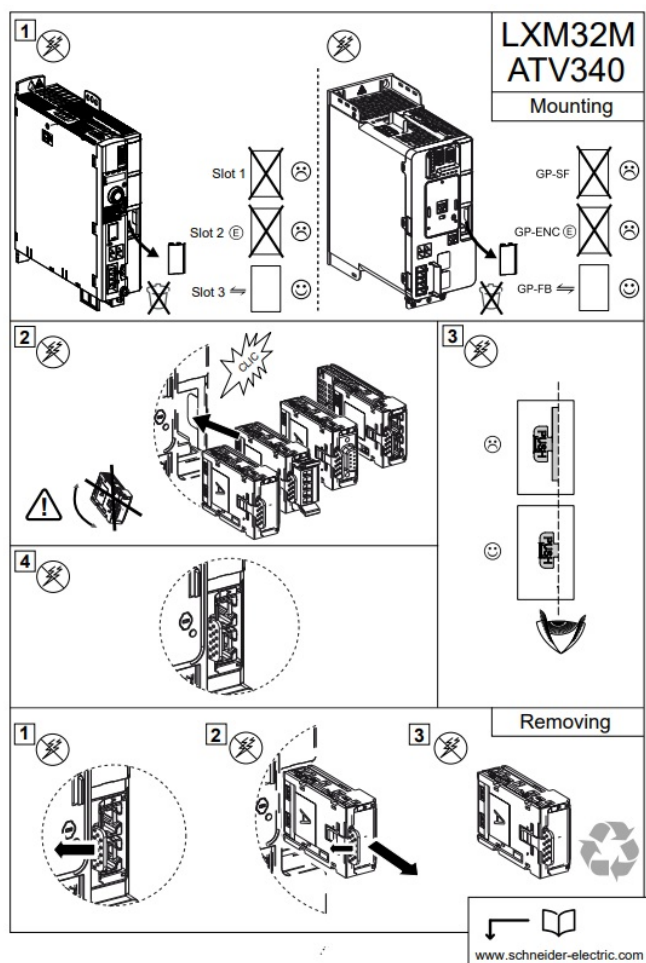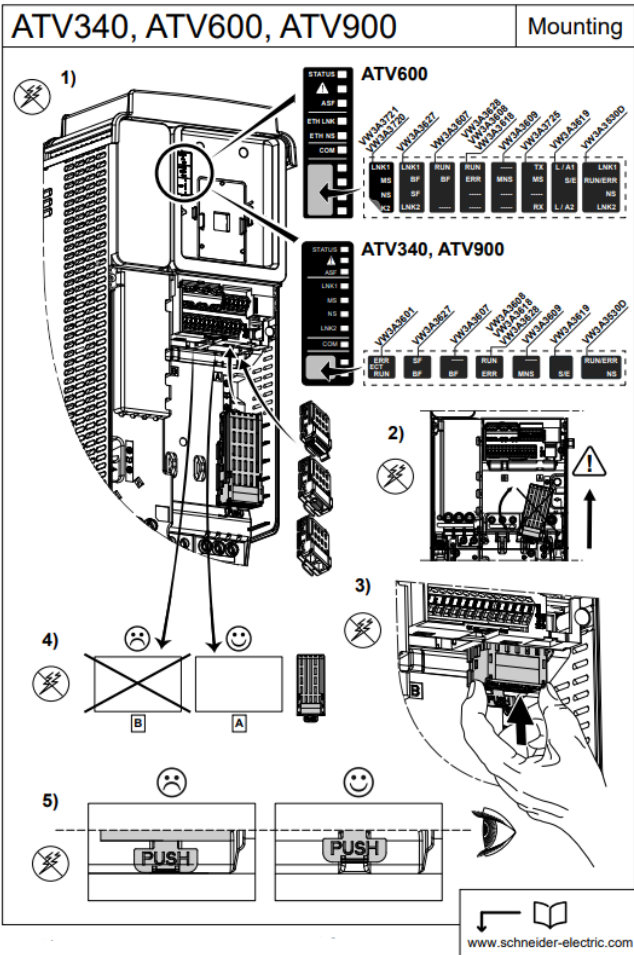

how to install

ATS480 — Removing

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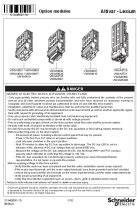**Schneider Electric VW3 Series Ethercat 2 x RJ45 communication module** [pdf] Instruction Manual

VW3 Series Ethercat 2 x RJ45 communication module, VW3 Series, VW3A3609, VW3A3628, VW3A3725, VW3M3301, Ethercat 2 x RJ45 communication module, communication module, module

References

- **Schneider Electric Global | Global Specialist in Energy Management and Automation**
- **Support | Schneider Electric Global**

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