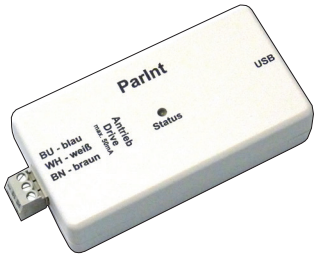
aumüller

Installation and Commissioning Instructions
Parameterisation-Interface

Parameterisation-Interface



Part.-No.: **524178**
Application: Hardware interface for parameterisation of Aumüller drives with the Aumüller software DCT.

Rated voltage:	24 V DC +/-20 %
Configurable drives:	24 V DC in version S12, S3 230 V AC in version S12
Connections:	3x Pluggable screw terminals 1,0 mm² 1x USB port
Scope of delivery:	1x Interface 1x USB cable 1x Connection cable

Feature / Equipment:
Power supply 24 V DC is not included in the scope of delivery!

- The **Parameterisation-Interface** serves as a hardware interface for the parameterisation of Aumüller drives.
- In conjunction with the Aumüller **DCT software** - and the **Drives Plug-In** available in it - a wide variety of drive parameters can be individually configured.
- Can be used for all drives with control type **S12** and **S3**.

Warranty claims require proper and professional assembly, installation and maintenance in accordance with the statutory regulations and the specifications of the manufacturer of the drives. The safety instructions in the supplied product documentation must be observed.

Note

Power supply 24 V DC is not included in the scope of delivery!

The 24 V DC power supply of a **Control Unit** or the **Test kit** (Part.-No.: 533984) can be used!

Strictly observe the information given in this and in the instructions for installation of the drives when parameterize the Aumüller drives with the **Parameterisation-Interface** and **DCT**.

Details can be found on our website **www.aumueller-gmbh.de**

Keep these instructions for the entire service life of the product.

System requirements for DCT: Direct Configuration Tool

The programme can be installed on a computer with at least the following characteristics:

The **DCT software** is designed exclusively for the parameterisation of the **Aumüller** drives indicated in these instruction.

CPU:
1 GHz or higher

Operating systems:
Microsoft® Windows 10 64bit or higher
MacOS 13 Ventura or higher

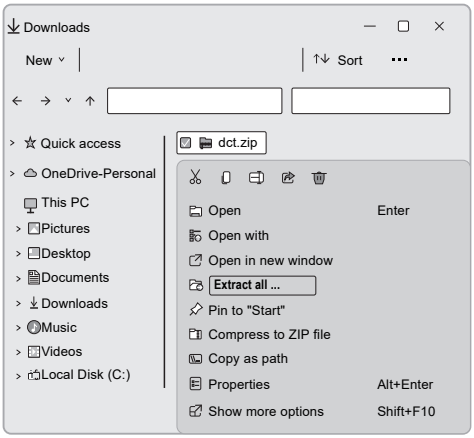
Memory:
Min. 1 GB RAM

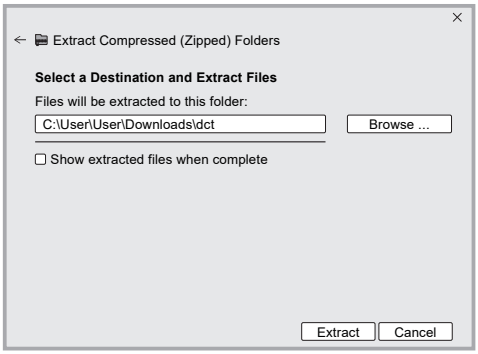
Hard disk:
At least 200 MB free memory space

Accessories:
USB connection for connection between computer and control unit, internet connection for system installation and updates

Installation step 1: Install DCT software

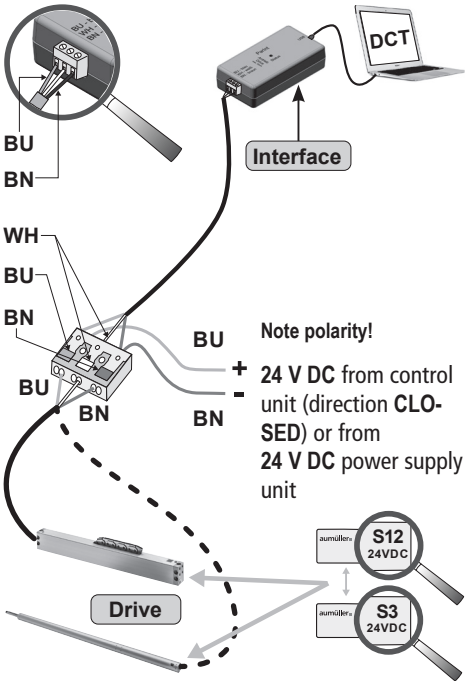
- Download DCT software:
  https://www.aumueller-gmbh.de/downloads/software/
- Unpack the archive to the desired destination.





Installation step 2a: Connection of drives 24 V DC with S12 or S3 electronics

■ Connect computer, **Parameterisation-Interface** and drives.

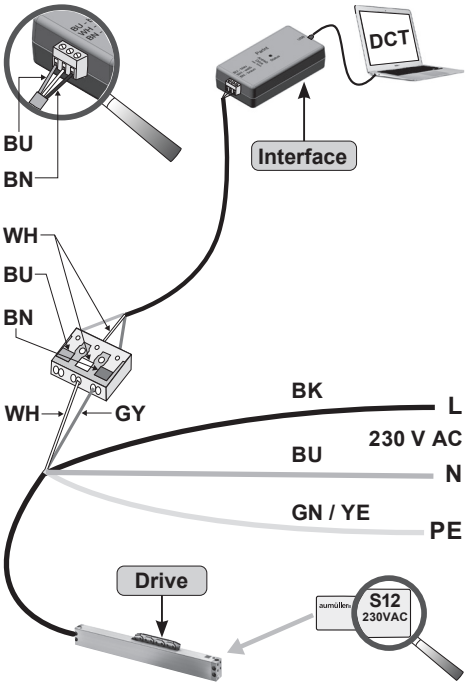


Note If only **one** drive is parameterised, an additional power supply is not necessary.

During the parameterisation: Do not switch off the operating voltage when connected to a control unit, because it could lead to complications.

Installation step 2b: Connection of drives 230 V AC with S12-electronics

■ Connect computer, **Parameterisation-Interface** and drives.



Colour DIN IEC 757			
BK =	black	GN/YE =	green/yellow
BN =	brown	GY =	grey
BU =	blue	WH =	white

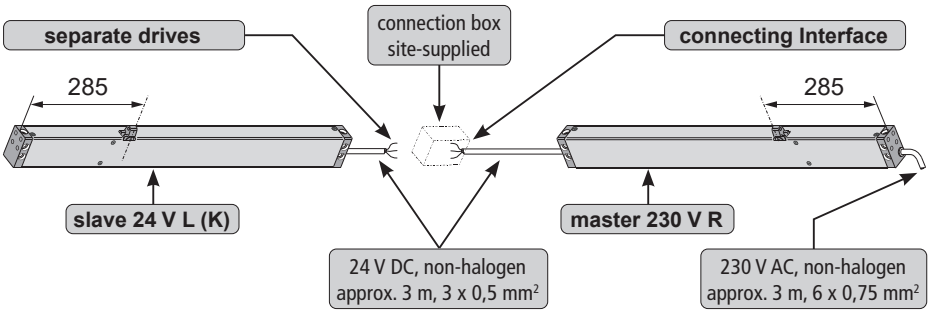
Installation step 2c: Connection of drives 230 V AC with S12 - parameterisation on the 24 V-side

For drives in multiple operation (**set**), a second cable leads already routed out of the end cap. This cable can be used for configuration with **DCT**.

Only **one** drive can be configured at a time. Separate the two drives.

Do **not** use an **external** power supply, otherwise the drive will be destroyed.
Program **without** voltage.
Only connect to the **Parameterisation-Interface**.

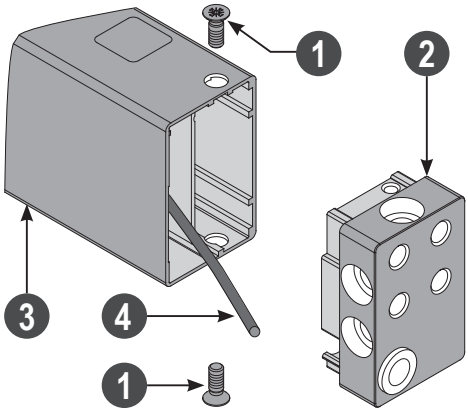
Multi-drive operating (set)



Connection of drives 230 V AC with S12 - parameterisation on the 24 V-side

At 230 V AC drives (type KS2 / KSA) with **Z version** use the internal cable on the 24V-side:

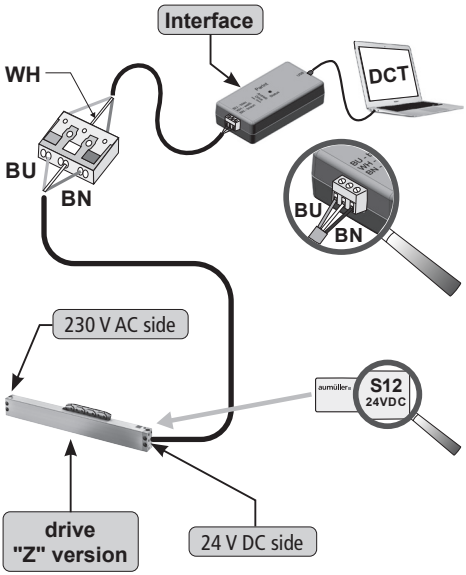
- Loosen the screws ❶ (drive type KS2).
- Remove the end cap ❷ from the drive housing ❸.
- Pull out the cable ❹, strip the insulation and connect it to the **Parameterisation-Interface**.



- After configuring the drives, insulate the cable ❹.
- Mount the end cap ❷ with screws ❶ at the drive housing ❸.

- Connect computer, **Parameterisation-Interface** and drives.

Do **not** use an **external** power supply, otherwise the drive will be destroyed.
Program **without** voltage.
Only connect to the **Parameterisation-Interface**.



Installation step 3: Start configuration

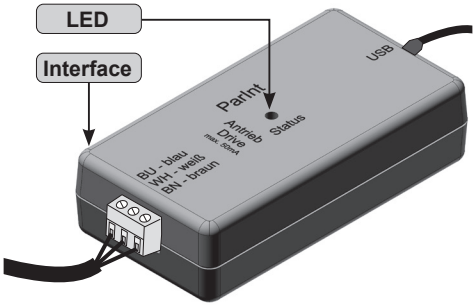
- Start **DCT.exe** in the unpacked directory.

- Download **Drives Plug-In** at the first start.

- At every regular start, **DCT** checks whether there are updates for **Drives** and then automatically offers them for download.

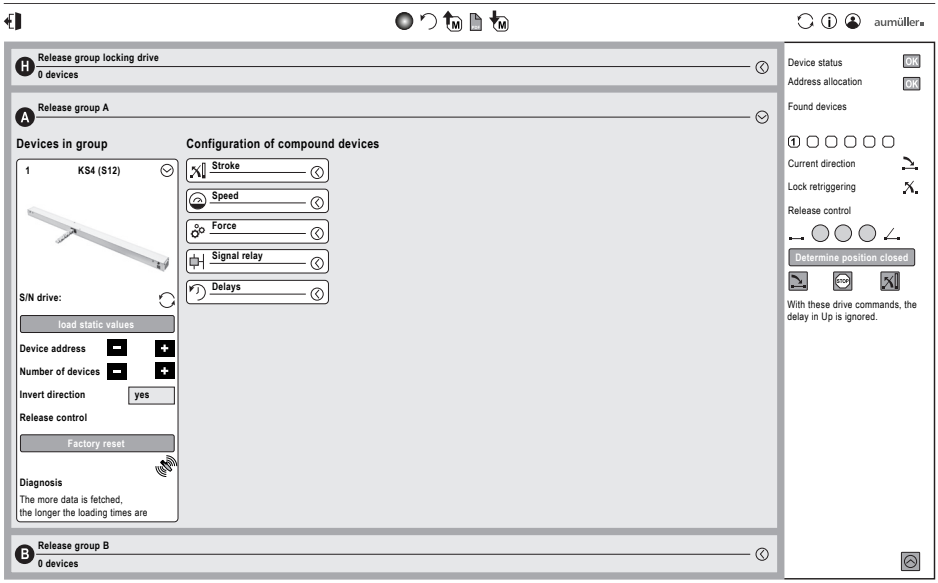
- Start the **Plug-In** to start the configuration.

- The **LED** of the **Interfaces** flashes **red**. The **Plugin Drives** is searching for connected drives.
- Once the drives have been detected, configuration can begin.



Note Notes and descriptions of the individual functions can be displayed by simply hovering the mouse pointer over the respective function (no click necessary).

Drives Plug-In



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