

ECdrive T2-FR

EN Pre-installation instructions VP

186936-00



Contents

1	Introduction	3
1.1	Symbols and illustrations	
1.2	Revisions and validity	3
1.3	Product liability	3
1.4	Reference documents	3
2	Fundamental safety precautions	4
2.1	Intended use	4
2.2	Safety notices	4
2.3	Safety-conscious working	5
2.4	Environmentally conscious working	5
2.5	Safety instructions related to transportation and storage	5
2.6	Qualification	5
3	About this document	6
4	Overview	6
4.1	Diagrams	6
4.2	Tools and aids	7
4.3	Torques	7
4.4	Components and assembly groups	8
4.5	Bill of material VP-kit EC drive T2	8
5	Pre-installation	9
5.1	Cutting the track and cover to size	9
5.2	Preparing the track	
5.3	Installing stop buffers	9
5.4	Installing the left-hand module carrier	10
5.5	Fitting the right-hand module carrier	
5.6	Connecting the cable to the right-hand module carrier	
5.7	Connecting the contact on the toothed belt lock (optional)	
5.8	Connecting the locking	13
5.9		
	Installing the side plates	
5.10	Pre-positioning the pre-mounted module carrier, left and right	13
5.10 5.11	Pre-positioning the pre-mounted module carrier, left and rightFitting the toothed belt	13 14
5.11 5.11.1	Pre-positioning the pre-mounted module carrier, left and right Fitting the toothed belt Tensioning the toothed belt	13 14 14
5.115.11.15.11.2	Pre-positioning the pre-mounted module carrier, left and rightFitting the toothed belt	13 14 14
5.11 5.11.1	Pre-positioning the pre-mounted module carrier, left and right Fitting the toothed belt Tensioning the toothed belt Connecting the left and right module carriers to the power supply Machining the cover	13 14 14 15
5.115.11.15.11.2	Pre-positioning the pre-mounted module carrier, left and right Fitting the toothed belt Tensioning the toothed belt Connecting the left and right module carriers to the power supply Machining the cover Machining the cover for toothed belt locking (optional)	13141516
5.11 5.11.1 5.11.2 5.12	Pre-positioning the pre-mounted module carrier, left and right Fitting the toothed belt Tensioning the toothed belt Connecting the left and right module carriers to the power supply Machining the cover	13141516
5.11 5.11.1 5.11.2 5.12 5.12.1	Pre-positioning the pre-mounted module carrier, left and right	13 14 15 16 16
5.11 5.11.1 5.11.2 5.12 5.12.1 5.12.2	Pre-positioning the pre-mounted module carrier, left and right	131415161617
5.11 5.11.1 5.11.2 5.12 5.12.1 5.12.2	Pre-positioning the pre-mounted module carrier, left and right	131415161617



ECdrive T2 Introduction

1 Introduction

1.1 Symbols and illustrations

Warning notices

Warning notices are used in these instructions to warn you of property damage and personal injury.

- ▶ Always read and observe these warning notices.
- Observe all measures marked with the warning symbol and warning word.

Warning symbol

Warning word Meaning



WARNING

Danger to persons.

Non-compliance can result in death or serious injuries.

More symbols and illustrations

Important information and technical notes are highlighted to explain correct operation.

Symbol Meaning



means "important note".

Information to prevent property damage, to understand or optimise the operation sequences.



means "additional Information"



Symbol for an action: This means you have to do something.

▶ If there are several actions to be taken, keep to the given order.

1.2 Revisions and validity

Version 00: Valid for ECdrive T2 and ECdrive T2-FR from model year 2019.

1.3 Product liability

In compliance with the liability of the manufacturer for his products as defined in the German "Product Liability Act", compliance with the information contained in this brochure (product information and intended use, misuse, product performance, product maintenance, obligations to provide information and instructions) must be ensured. Failure to comply releases the manufacturer from his statutory liability.

1.4 Reference documents

Type	Name
Wiring diagram	DCU1-NT
	DCU1-2M-NT
User manual	DCU1-NT
	DCU1-2M-NT
	DCU1-2M
Faults and corrective measures	DCU1
	DCU1-2M
Cable plan	Single leaf
	Double leaf
Safety analysis	
Installation instructions	ECdrive T2
Installation instructions	ECdrive T2 girder section and side panel
Installation instructions	Leaf and side panel profile systems

The diagrams are subject to change without notice. Use only the most recent version.



2 Fundamental safety precautions



▶ Please also note the fundamental safety precautions in the installation instructions ECdrive T2.

2.1 Intended use

The sliding door system is used for the automatic opening and closing of a building passage.

The sliding door system may only be used in a vertical installation position and in dry rooms within the permitted application area (see installation and service instructions).

The sliding door system is designed for pedestrian traffic in buildings.

The sliding door system is not designed for the following uses:

- for industrial use
- for area of application which do not serve pedestrian traffic (such as garage doors)
- on mobile objects such as ships

The sliding door system may only be used:

- in the modes of operation provided for by GEZE
- with the components approved / released by GEZE
- with the software delivered by GEZE
- in the installation variants / types of installation documented by GEZE
- within the tested/approved area of application (climate / temperature / IP rating)

Any other use is considered non-intended and will lead to the exclusion of all liability and warranty claims to GEZE.

2.2 Safety notices

- Intervention and modifications which influence the safety technology and functionality of the door system may only be carried out by GEZE.
- Problem-free and safe operation assumes proper transportation, proper set-up and installation, qualified operation and correct maintenance have taken place.
- The relevant accident prevention regulations and other generally recognised safety-related or health & safety rules must be kept.
- Only original accessories, original spare parts and accessories approved by GEZE guarantee problem-free function of the door system.
- The mandatory installation, maintenance and repair work must be performed by properly trained personnel authorised by GEZE.
- The country-specific laws and regulations are to be observed during safety-related tests.
- If unauthorised changes are made to the system, GEZE cannot be held liable in any way whatsoever for any
 resulting damage, and the approval for use in escape and rescue routes ceases.
- GEZE does not accept any warranty for combinations with third-party products.
- Furthermore, only original GEZE parts may be used for repair and maintenance work.
- The connection to the mains voltage must be made by a professional electrician. Perform the power connection and equipment earth conductor test in accordance with VDE 0100 Part 610.
- Use an on-site 10-A overload cut-out as the line-side disconnecting device.
- Protect the display programme switch against unauthorised access.
- In compliance with Machinery Directive 2006/42/EC, a risk analysis must be performed and the door system identified in accordance with CE Marking Directive 93/68/EEC before the door system is commissioned.
- Observe the current status of directives, standards and country-specific regulations, especially:
 - DIN 18650: 2010-06 "Building hardware Powered pedestrian doors"
 - VDE 0100, Part 610: 2004-04 "Installing Electrical Power Systems with Nominal Voltages up to 1000 V"
 - DIN EN 16005: 2013-01 "Power operated pedestrian doorsets; safety in use; Requirements and test methods"
 - DIN EN 60335-1: 2012-10 "Safety of electrical devices for home use and similar purposes Part 1: General requirements (IEC 60335-1: 2010, modified), German version EN 60335-1: 2012
 - DIN EN 60335-2-103: 2016-05 "Safety of electrical devices for home use and similar purposes Part 2-103: Special requirements for drives for gates, doors and windows. (IEC 60335-2-103: 2006, modified + A1: 2010, modified), German version EN 60335-2-103: 2015
- i

The product should be installed or incorporated in such a way that effortless access to the product is guaranteed during any repairs and/or maintenance, and that any removal costs do not stand out of proportion to the value of the product.



2.3 Safety-conscious working

- Secure workplace against unauthorised entry.
- Only use the cables prescribed in the cable plan provided. Cables must be shielded in compliance with the wiring diagram.
- Secure loose, internal drive cables with cable ties.
- Before working on the electrical system:
 - Disconnect the drive from the 230 V mains and secure it against being switched back on again. Check isolation from power supply.
 - Disconnect the control unit from the 24 V rechargeable battery.
- When an Uninterruptible Power Supply (UPS) is used, the system will still be under voltage even when disconnected from the mains.
- Always use insulated wire-end ferrules for wire cores.
- Make sure of sufficient lighting.
- Danger of injury with opened drive. Hair, clothing, cables, etc. can be drawn in by rotating parts.
- Danger of injury caused by unsecured crushing, impact, drawing-in or shearing spots.
- Danger of injury due to sharp edges on the drive and door leaf.
- Danger of injury during installation through freely moving parts.

2.4 Environmentally conscious working

- When disposing of the door system, separate the different materials and have them recycled.
- Do not dispose of batteries and rechargeable batteries with household waste.
- Comply with the statutory regulations when disposing of the door system and the batteries/storage cells.

2.5 Safety instructions related to transportation and storage

- ▶ Do not throw, do not drop.
- ► Avoid strong blows.
- Storage temperatures under -30 °C and above +60 °C can result in damage to the device.
- Protect against humidity.
- Dry, well ventilated, closed, weather-proof and UV-protected rooms are suitable as storage areas.

2.6 Qualification

Installation of the GEZE sliding door drive may only be carried out by experts authorised by GEZE.



About this document ECdrive T2

3 About this document

These instructions describe the pre-installation of the automatic sliding door drive ECdrive T2 / ECdrive T2-FR from a VP-kit and installation of the moving leaves and side panels with different profile systems.

4 Overview

4.1 Diagrams

Drawing no.	Туре	Name
70518-0-001	Drive drawing	ECdrive T2, drives
70518-2-0200	Machining drawing	Track
70518-2-0205	Machining drawing	Track post-rail
70518-2-0203	Machining drawing	Cover 100×132 mm
70518-2-0253	Machining drawing	Cover 100×100 mm
70518-1-0105	Machining drawing	Module carrier left 2-leaf
70518-1-0106	Assembly group drawing	Module carrier left 2-leaf with lock
70518-1-0107	Assembly group drawing	Module carrier left 1-leaf without lock
70518-1-0108	Assembly group drawing	Module carrier left 1-leaf left hand slide to open with lock
70518-1-0110	Assembly group drawing	Module carrier right
70518-1-0111	Assembly group drawing	Module carrier right only 1-leaf right hand slide to open with lock
70518-1-0112	Assembly group drawing	Module carrier right FR
70518-1-0113	Assembly group drawing	Module carrier right FR only 1-leaf right hand slide to open with lock
70518-1-0114	Assembly group drawing	Module carrier right FR-DUO.
70518-1-0115	Assembly group drawing	Module carrier right FR-DUO only 1-leaf right hand slide to open with lock
70518-1-0116	Assembly group drawing	Module carrier right FR-LL
70518-1-0117	Assembly group drawing	Module carrier right FR-LL only 1-leaf right hand slide to open with lock
70518-1-0118	Assembly group drawing	Module carrier right FR-RWS
70518-1-0119	Assembly group drawing	Module carrier right FR-RWS only 1-leaf right hand slide to open with lock
70518-2-0203	Machining drawing	Machine cover 100×132 mm for toothed belt locking
70518-2-0253	Machining drawing	Machine cover 100×132 mm for toothed belt locking
70310-2-0233	Machining drawing	Machine cover 100×100 min for toothed betclocking
70518-9-0964	Connection sketch	Service terminal

The diagrams are subject to change without notice. Use only the most recent version.

ECdrive T2 Overview

4.2 Tools and aids

Tool	Size		
Tape measure			
Marking pen			
Torque spanner			
Allen key	2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm		
Open-ended spanner	8 mm, 10 mm, 13 mm		
Screwdriver set	up to 6 mm; cross slot PH2 and PH4		
Torx key	T × 20; bit length at least 110 mm		
Side-cutting pliers			
Crimping pliers for cables	Crimping pliers for cables		
Wire stripper			
Multimeter			
Display programme switch DCU1 (mat. no. 103940)			
Key switch (ECdrive T2-FR only) (mat. no. 074437)			
Ring spanner	8 mm, 10 mm		
Pin punch	4 mm		

4.3 Torques

The torques are given with the respective installation step.

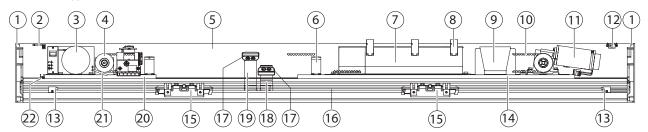


Overview ECdrive T2

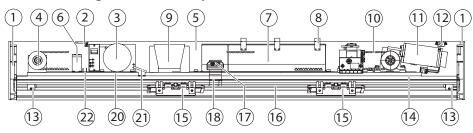
4.4 Components and assembly groups

These illustrations show the equipment of a standard drive in 2-leaf and 1-leaf version. The structure of the assembly groups can vary depending on the drive equipment or version. Precise details about positioning of the individual components can be found on the drive drawing (70518-0-001).

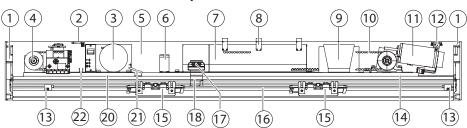
2-leaf



1-leaf, right hand slide to open



1-leaf, left hand slide to open



- 1 Side plate
- 2 Cover earthing
- 3 Transformer
- 4 Return pulley
- 5 Cover
- 6 Cable holder
- 7 Control unit
- 8 DCU cable holder
- o DCO cable floidei
- 9 Rechargeable battery10 Toothed belt
- 11 Drive motor

- 12 Cover catch
- 13 Stop buffer
- 14 Module carrier, right
- 15 Roller carriage
- 16 Track
- 17 Belt lock
- 18 Driver, short
- 19 Driver, long
- 20 Module carrier, left
- 21 Transformer cable
- 22 Transformer earthing

4.5 Bill of material VP-kit EC drive T2

- Control unit DCU
- Drive motor
- Roller carriage
- Transformer
- Rechargeable battery
- Return pulley
- Cable holder
- DCU cable holder
- Cover earthing

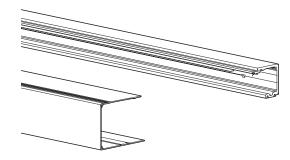
- Cover catch
- Stop buffer
- Driver, short
- Driver, long
- Transformer cable
- Div. clear adhesive labels
- Accessories for fasting drive components
- Accessories for cable fastening
- Accessories module carriers

- Installation instructions
- User manual
- Wiring diagram
- Test log
- Safety analysis
- EC Installation Declaration of Conformity

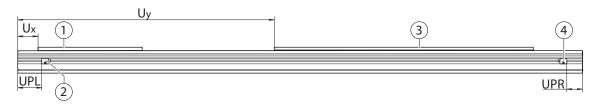
5 Pre-installation

5.1 Cutting the track and cover to size

- Track: Pos. 16 in assembly group list, Chapter 4.4
- Cover: Pos. 5 in assembly group list, Chapter 4.4
- ► Check profiles for damage.
- Cut the track and cover to the required length (see machining drawings, Chapter 4.1)
- ▶ Clean the track and cover after machining.



5.2 Preparing the track

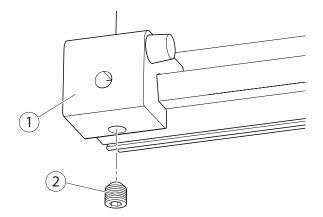


- ▶ Mark position (UPL) for buffer left (2) and (UPR) for buffer right (4) as shown on the drive drawing.
- ▶ Mark position (Ux) for module carrier left (1) and (Uy) for module carrier right (3) as shown on the drive drawing (70518-0-001).

5.3 Installing stop buffers

Stop buffer: Pos. 13 in assembly group list, Chapter 4.4

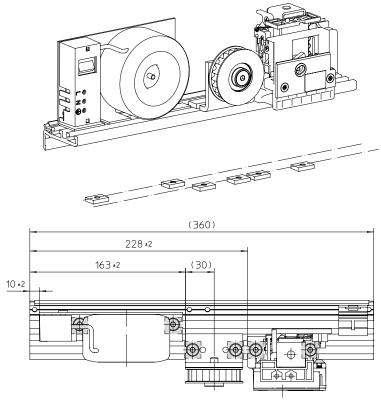
- Set stop buffers on the track on the left and right (1).
- Screw in each of the setscrews M6×6 (2) until they are in contact with the track.
- ▶ Tighten the setscrews using a torque of 10 Nm.



5.4 Installing the left-hand module carrier

▶ Install the left-hand module carrier as shown in the drawing.

Drawing no.	Name
70518-1-0105	Module carrier left 2-leaf
70518-1-0106	Module carrier left 2-leaf with lock
70518-1-0107	Module carrier left 1-leaf without lock, right and left hand slide to open
70518-1-0108	Module carrier left 1-leaf left hand slide to open with lock (the lock is on the right-hand module carrier for right hand slide to open)



Module carrier left with lock (70518-1-0106)

i

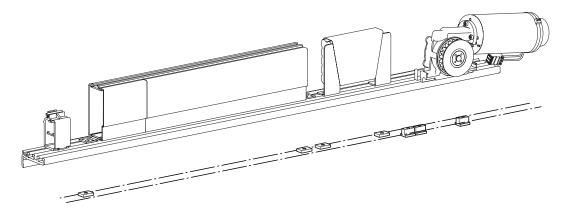
The module carrier shown here has been chosen as an example. The installation dimensions of the module carrier you are using can be found on the respective component drawing (see above).

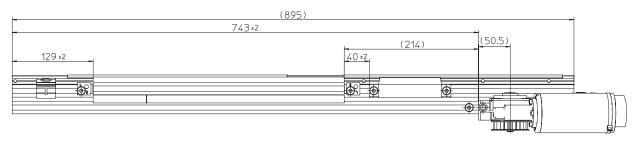
- ▶ Slide the sliding blocks into the module carrier.
- ▶ Install the components with the screws provided in accordance with the drawing.
 - Tightening torque for components: 10 Nm
 - Tightening torque for motor with gearbox: 15 Nm

5.5 Fitting the right-hand module carrier

▶ Install the right-hand module carrier as shown in the drawing.

Drawing no.	Name
70518-1-0110	Module carrier right
70518-1-0111	Module carrier right only 1-leaf right hand slide to open with lock
70518-1-0112	Module carrier right FR
70518-1-0113	Module carrier right FR only 1-leaf right hand slide to open with lock
70518-1-0114	Module carrier right FR-DUO.
70518-1-0115	Module carrier right FR-DUO only 1-leaf right hand slide to open with lock
70518-1-0116	Module carrier right FR-LL
70518-1-0117	Module carrier right FR-LL only 1-leaf right hand slide to open with lock
70518-1-0118	Module carrier right FR-RWS
70518-1-0119	Module carrier right FR-RWS only 1-leaf right hand slide to open with lock





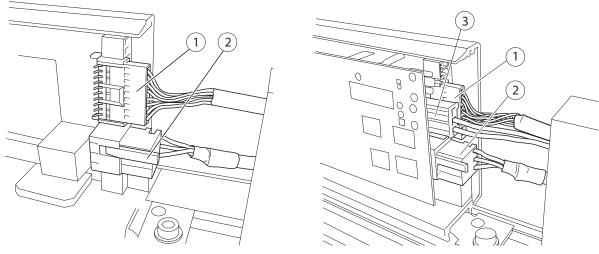
Module carrier right, 2-leaf (70518-1-0110)



The module carrier shown here has been chosen as an example. The installation dimensions of the module carrier you are using can be found on the respective component drawing (see above).

- ► Slide the sliding blocks into the module carrier.
- ▶ Install the components with the screws provided in accordance with the drawing.
 - Tightening torque for components: 10 Nm

5.6 Connecting the cable to the right-hand module carrier



ECdrive T2

ECdrive T2-FR

ECdrive T2

- ▶ Route the rotary transducer cable (1) and motor connection cable (2) to the control unit.
- ▶ Insert the connector into the control unit.

ECdrive T2-FR

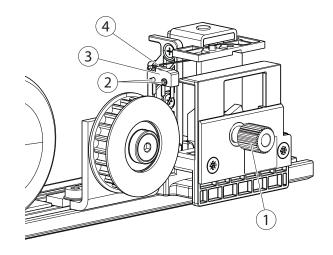
- ▶ Route the rotary transducer cable (1), motor connection cable (2) and motor connection cable of the second motor (3) to control unit.
- Insert the connector into the control unit.

5.7 Connecting the contact on the toothed belt lock (optional)



▶ Only screw the grey locking pin (1) in again after the cover has been set in place.

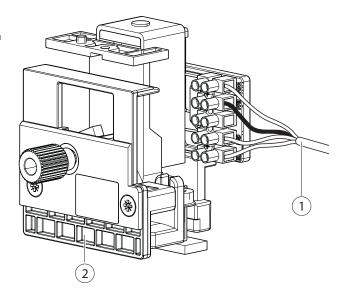
- ► Remove screws M2.3 x 10 on the feedback switch (4) of the locking mechanism.
- ▶ Place the alarm contact switch (3) on the feedback switch (4).
- ► Fix both switches in place on the locking mechanism using M2.3 x 18 (2) screws and spring washers.
- ► Connect cable.
- Shorten the switching flag of the alarm contact switch.



5.8 Connecting the locking

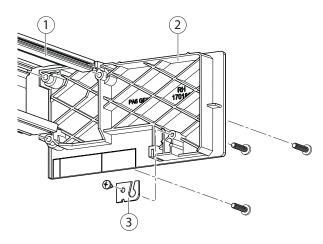
► Route cable (1) to the toothed belt locking (optional) (2), shorten if necessary, strip and attach the insulated wire-end ferrules.

Connect the locking as shown on the wiring diagram.



5.9 Installing the side plates

- ► Screw the sheet-metal part (3) for securing the cover in the left-hand and right-hand side panels (2) (torque max. 1.5 Nm).
- Screw the side panels (2) to the track (1) (torque 5 Nm).



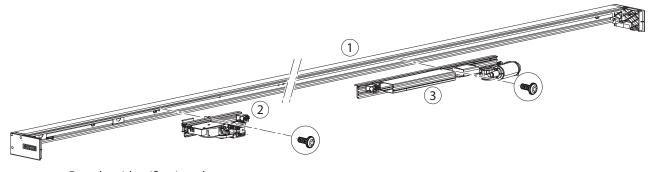
5.10 Pre-positioning the pre-mounted module carrier, left and right

Fix the pre-mounted module bearer left (2) and right (3) with one screw each to the track (1).



Recommendation:

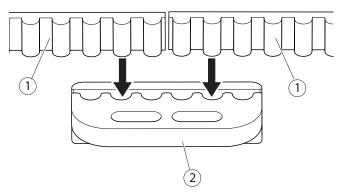
Mark the position of the module bearer left (2) and right (3) on the track (1).



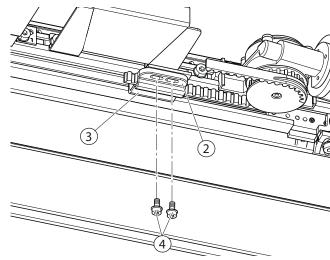
- ► Complete identification plate:
 - Enter the date of manufacture
 - Supplement digits classes 5 and 7
- Apply the identification plate, see the drive drawing:

5.11 Fitting the toothed belt

- ► Thread the toothed belt on the motor pulley and return pulley, shorten if necessary.
- ▶ Insert toothed belt ends (1) into the toothed belt lock (2) (3 teeth per side).



- ► Mount the toothed belt lock (2) with screws (4) on the short driver (3).
- ▶ Do **not** tighten the screws yet.

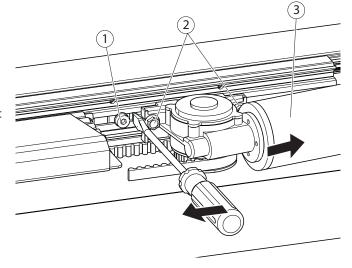


5.11.1 Tensioning the toothed belt



▶ The toothed belt must be pre-tensioned with 300 N \pm 35 N (see drive drawing).

- ▶ Undo 2 screws (2).
- ▶ Push the motor (3) to the right by hand.
- ▶ Undo the screw (1) and move the sliding block in such a way that a screwdriver can be pushed between the sliding block and the motor.
- ► Tighten the screw (1) (torque 10 Nm).
- ▶ Push the screwdriver into the gap and lever it until the toothed belt is tensioned.
- ► Tighten 2 screws (2) (torque 15 Nm).

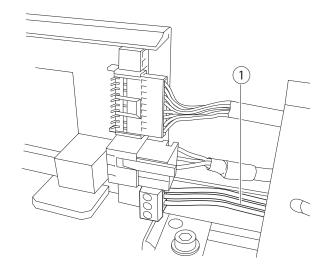


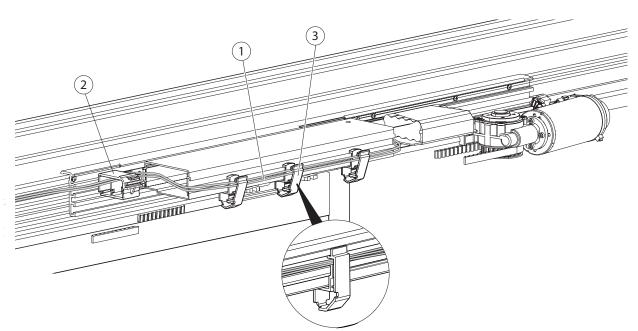
5.11.2 Connecting the left and right module carriers to the power supply



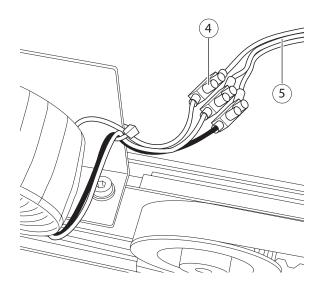
▶ Make sure that cables are routed and secured in such a way that they do not become jammed when the cover is slid in place and cannot come into contact with moving components.

- ► Cut the cable (1) from the transformer to the control unit to size.
- Attach wire-end ferrules on one side of the cable (1).
- ► Connect the transformer cable (1) to the control unit.
- ► Fix the cable holder (2) to the track.
- Fix the cable holder DCU (3) to the control unit.
- ► Route the cable (1) from the transformer through the cable holders to the control unit.





► Fit the three-core transformer cable (5) to terminal (4) of the transformer.





5.12 Machining the cover

5.12.1 Machining the cover for toothed belt locking (optional)

The toothed belt locking has a rotating pin which can be used to unlock or lock the toothed belt manually. For this pin, a hole must be drilled on the cover in accordance with the following sketch.

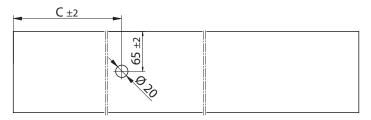


The position of the hole must be checked on site. Depending on the positioning of the drive components, minor deviations can occur here.

GEZE thus recommends only drilling the hole on site once the exact position of the locking is known.



Dimensional specifications for dimension C can be found in the machining drawing for the cover (70518-2-0203).



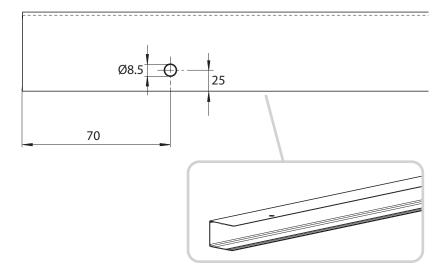
- ▶ Drill a hole Ø 20 mm.
- Deburr the hole.

5.12.2 Machining the cover for service interface

The service interface (optional) makes fast access to the control unit DCU possible 1x without dismantling the cover. A fast connection via jack plug is possible via the service adapter for the service terminal ST220 or for the Bluetooth interface to GEZEconnects.

To integrate the socket for the service interface on the cover, a hole must be drilled on the cover in accordance with the sketch shown below.

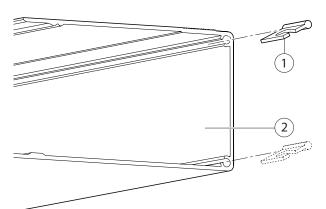
Refer also to the additional instructions for the service interface (70518-9-0964).



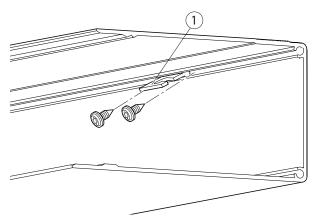
6 Preparation for installation

During preparation for installation the drive unit is prepared for later installation. The current drive drawing is applicable for carrying out the installation work. All components must be identified and installed in accordance with the drive drawing.

- 6.1 Fitting the cover suspension piece in the cover
 - ► Slide the cover suspension piece (1) into the upper or lower screw duct of the cover (2).

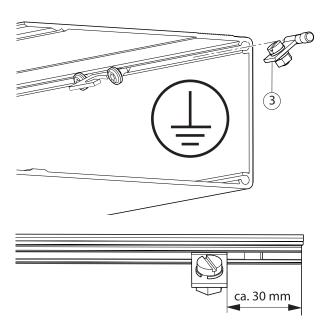


▶ Use 2 screws to secure the cover suspension piece (1) in the end section of the cover (max. torque 1.5 Nm).



6.2 Fitting the cover earthing

► Knock the locating pin for the hood earthing (3) on the side of the earthing approx. 30 mm into the upper screw duct.





Production test ECdrive T2

7 **Production test**



M WARNING

Risk of fatal injury due to electric shock!

▶ The electrical system (230 V/115 V) may only be connected and disconnected by a professional electrician.

- ► Carry out mains connection and earth conductor test in accordance with VDE 0100 Part 610.
- ► Carry out the production test as described in the wiring diagram "Automatic sliding doors DCU1-NT/DCU1-2M-NT".



Germany

GEZE GmbH Niederlassung Süd-West Tel. +49 (0) 7152 203 594 E-Mail: leonberg.de@geze.com

GEZE GmbH Niederlassung Süd-Ost Tel. +49 (0) 7152 203 6440 E-Mail: muenchen.de@geze.com

GEZE GmbH Niederlassung Ost Tel. +49 (0) 7152 203 6840 E-Mail: berlin.de@geze.com

GEZE GmbH Niederlassung Mitte/Luxemburg Tel. +49 (0) 7152 203 6888 E-Mail: frankfurt.de@geze.com

GEZE GmbH Niederlassung West Tel. +49 (0) 7152 203 6770 E-Mail: duesseldorf.de@geze.com

GEZE GmbH Niederlassung Nord Tel. +49 (0) 7152 203 6600 E-Mail: hamburg.de@geze.com

GEZE Service GmbH Tel. +49 (0) 1802 923392 E-Mail: service-info.de@geze.com

Austria

GEZE Austria E-Mail: austria.at@geze.com www.geze.at

Baltic States

GEZE GmbH Baltic States office E-Mail: office-latvia@geze.com www.geze.com

Benelux

GEZE Benelux B.V. E-Mail: benelux.nl@geze.com www.geze.be www.geze.nl

Bulgaria

GEZE Bulgaria - Trade E-Mail: office-bulgaria@geze.com www.geze.bg

China

GEZE Industries (Tianjin) Co., Ltd. E-Mail: chinasales@geze.com.cn www.geze.com.cn

GEZE Industries (Tianjin) Co., Ltd. Branch Office Shanghai E-Mail: chinasales@geze.com.cn www.geze.com.cn

GEZE Industries (Tianjin) Co., Ltd. Branch Office Guangzhou E-Mail: chinasales@geze.com.cn www.geze.com.cn

GEZE Industries (Tianjin) Co., Ltd. Branch Office Beijing E-Mail: chinasales@geze.com.cn www.geze.com.cn

France

GEZE France S.A.R.L. E-Mail: france.fr@geze.com www.geze.fr

Hungary

GEZE Hungary Kft. E-Mail: office-hungary@geze.com www.geze.hu

Iberia

GEZE Iberia S.R.L. E-Mail: info@geze.es www.geze.es

India

GEZE India Private Ltd. E-Mail: office-india@geze.com www.geze.in

Italy

GEZE Italia S.r.l E-Mail: italia.it@geze.com www.geze.it

GEZE Engineering Roma S.r.l E-Mail: roma@geze.biz www.geze.it

Poland

GEZE Polska Sp.z o.o. E-Mail: geze.pl@geze.com www.geze.pl

Romania

GEZE Romania S.R.L. E-Mail: office-romania@geze.com www.geze.ro

Russia

OOO GEZE RUS E-Mail: office-russia@geze.com www.geze.ru

Scandinavia – Sweden

GEZE Scandinavia AB E-Mail: sverige.se@geze.com www.geze.se

Scandinavia - Norway

GEZE Scandinavia AB avd. Norge E-Mail: norge.se@geze.com www.geze.no

Scandinavia - Denmark

GEZE Danmark E-Mail: danmark.se@geze.com www.geze.dk

Singapore

GEZE (Asia Pacific) Pte, Ltd. E-Mail: gezesea@geze.com.sg www.geze.com

South Africa

GEZE South Africa (Pty) Ltd. E-Mail: info@gezesa.co.za www.geze.co.za

Switzerland

GEZE Schweiz AG E-Mail: schweiz.ch@geze.com www.geze.ch

Turkey

GEZE Kapı ve Pencere Sistemleri E-Mail: office-turkey@geze.com www.geze.com

Ukraine

LLC GEZE Ukraine E-Mail: office-ukraine@geze.com www.geze.ua

United Arab Emirates/GCC

GEZE Middle East E-Mail: gezeme@geze.com www.geze.ae

United Kingdom

GEZE UK Ltd. E-Mail: info.uk@geze.com www.geze.com

