







1. Product identification, description and use

	<p>Product identification</p> <table border="1"> <thead> <tr> <th>Designation</th> <th>Article number</th> </tr> </thead> <tbody> <tr> <td>FD 10 with aluminium cladding</td> <td>0549-010</td> </tr> <tr> <td>FD 10 with stainless steel cladding</td> <td>0549-011</td> </tr> <tr> <td>Accessories</td> <td>see instruction 0549-990/02</td> </tr> </tbody> </table>	Designation	Article number	FD 10 with aluminium cladding	0549-010	FD 10 with stainless steel cladding	0549-011	Accessories	see instruction 0549-990/02
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FD 10 with aluminium cladding	0549-010								
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Accessories	see instruction 0549-990/02								
	<p>Description</p> <p>Gilgen FD 10 drive mechanisms (incomplete machines within the meaning of EU Machinery Directive 2006/42/EC) are designed for the automation of one- and two-leaf door systems.</p>								
	<p>Usage and limits of application</p> <p>The limits regarding door dimensions and weights must not be exceeded (see instruction 0549-990/02). Door system safety must conform to EN 16005 (Power operated doors, Safety in use, Requirements, Test methods) and applicable local regulations.</p>								

2. Rights and obligations

	<p>Gilgen Door Systems AG as the manufacturer</p> <p>Gilgen Door Systems AG hereby confirms, with the enclosed declaration of incorporation, that the drive system FD 10 conforms to the demands of EU Machinery Directive 2006/42/EC for use as drive units on swing doors. Gilgen Door Systems AG shall assume no liability for any usage other than the above.</p> <p>Gilgen Door Systems AG assures that the instructions for the FD 10 shall be available at all times on the website www.gilgendoorsystems.com (with QR access code).</p>
	<p>Fitters, startup technicians and distributors</p> <ul style="list-style-type: none"> • Must be trained in conformity with EN 16005. • Must, before starting work, opt to: <ul style="list-style-type: none"> ○ Acquire training from Gilgen Door Systems AG on the product FD 10, or ○ Ensure that they obtain, read and understand the assembly and operating instructions from Gilgen Door Systems AG and the installation drawings (website: www.gilgendoorsystems.com, QR code for fast access). • Must observe local regulations regarding mains connection of the device and engage an appropriately qualified person whenever necessary. • Must carry out and log, during commissioning of the door system, a safety check conforming to EN 16005. • Must instruct the customer regarding the possible hazards involved. • Must provide the door system customer with a declaration of conformity to EU Machine Directive 2006/42/EC.



3. Checklist for safe installation and commissioning

Note: This checklist provides information on essential safety-relevant tasks; it DOES NOT replace the drive system's specific instruction manual.

<p>Securing the site</p> <ul style="list-style-type: none"> Securely cordon off the site with high-visibility tape or barriers.
<p>Evaluation of the door system</p> <ul style="list-style-type: none"> Stability testing of door leaf, wall frame and door hinges. Solid fastening of drive mechanism and rod assembly. Check the door for required freedom of movement and closing force. Check the usage limits (door dimensions/weight).
<p>Installation on site</p> <ul style="list-style-type: none"> Use tools of a safe design. Use approved measuring equipment (multimeters, force measuring devices, etc.). Ladders and scaffolding must be properly secured and stable. Use only test-approved extension leads on cable drums with integrated circuit breaker.
<p>Fitting (mechanical components)</p> <ul style="list-style-type: none"> Follow the fitting steps specified in the instructions. Check the mechanical interaction of the door and its drive system.
<p>Fitting (electrical components)</p> <ul style="list-style-type: none"> Fit the operating and safety elements in accordance with the instructions and wiring diagram. Check the electrical terminals for correct connection and proper tightness.
<p>Connection to mains supply</p> <ul style="list-style-type: none"> Carefully observe all local regulations regarding mains connection of the device, engaging an appropriately qualified person whenever necessary. Be sure to switch off at the mains circuit breaker before connecting. Check the mains terminals for correct connection, proper tightness and strain relief before re-engaging the circuit breaker.
<p>Commissioning</p> <ul style="list-style-type: none"> Carry out automatic setup. Adjust the drive system's settings. Check and adjust the operating and safety elements.
<p>Identification</p> <ul style="list-style-type: none"> Attach the Service sticker. Record the operating data in the control booklet.
<p>Carry out a full system-safety check (as per EN 16005)</p> <ul style="list-style-type: none"> Check the effectiveness of the safety elements from both sides of the door. Check the effectiveness of the main and secondary closing edges. Check the effectiveness of the operating controls. Record the findings in the control booklet. <p>Note: DO NOT attempt to operate in automatic mode if the system is still unsafe!</p>
<p>Clearance of the installation site</p>
<p>Customer instructions</p> <ul style="list-style-type: none"> Instruction on customer-relevant functions. Indication of possible hazards. Handover of operator manual, control booklet and declaration of conformity.