Ditec
OPEN YOUR WORLD

QUALITY & RELIABILITY

TIME SAVING INSTALLATION

EASY LOGISTICS

SMART THINGS

Ditec **DAS107PLUS**

Automation for commercial sliding doors

EN

Innovation in every detail

Ditec DAS107PLUS is the sliding door operator able to satisfy all requirements in **standard commercial environments** with frame weight up to **160 kg**. Designed to be **easy and fast** to install, Ditec DAS107PLUS is the perfect choice for professionals in door automation who **look for low inventory cost** and **ease of maintenance**.

ENERGY SAVING
Wide range switching power supply 100 ÷ 240 Vac, -10%/+10%; 50/60 Hz
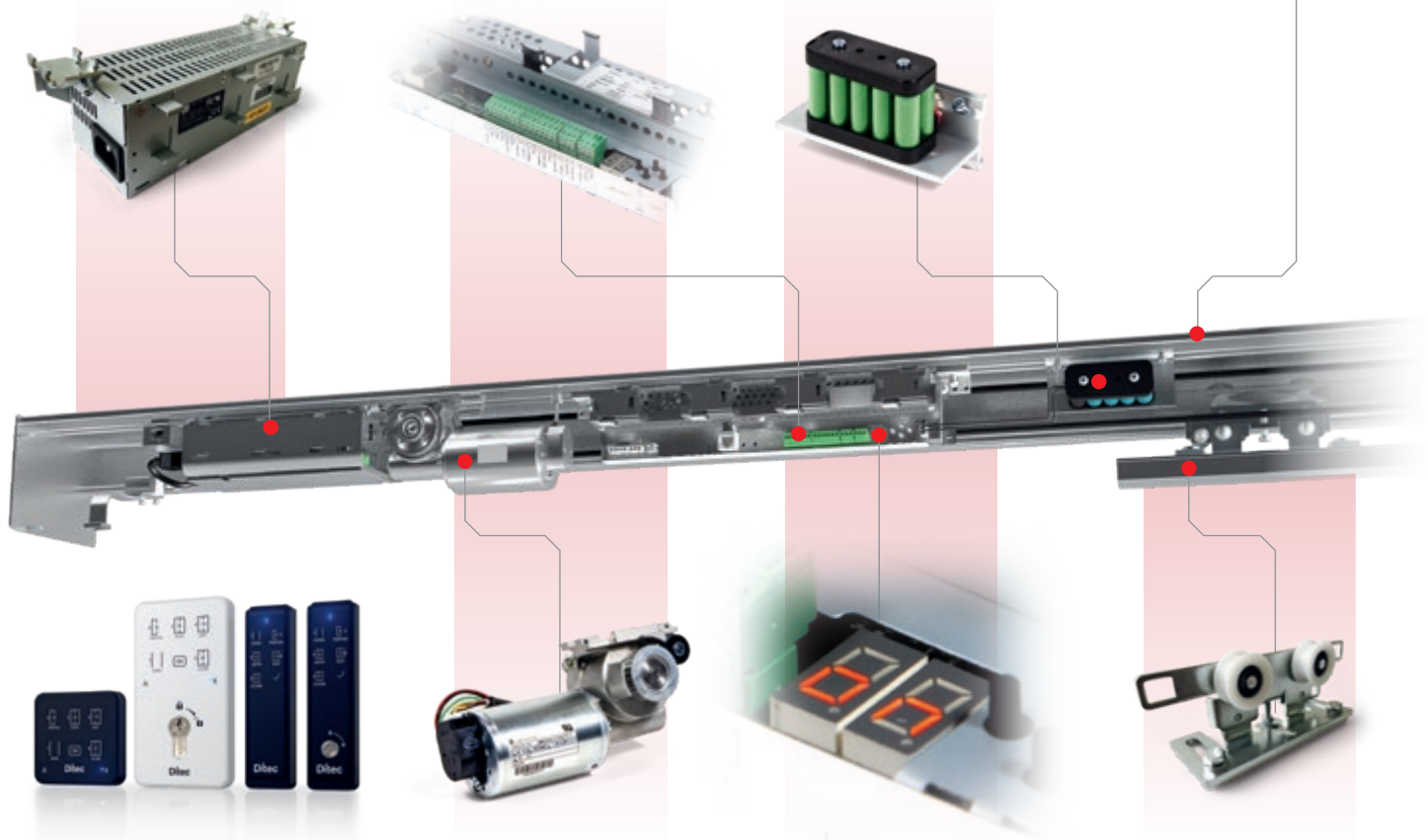
TIME SAVING & ERROR FREE
PLUG & PLAY connectors

SAFE
Emergency 12 Vdc or back-up 24 Vdc battery

STOCK REDUCTION
Anodized alu beam 4450 / 6650 mm

WIDE RANGE OF SETTINGS
From the mechanical solution to an advanced electronic selector with Bluetooth® module

HIGH-END COMPONENTS
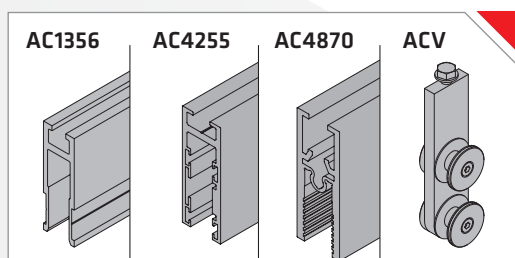DUNKERMOTOREN™ gearmotor with built-in encoder

SIMPLE AND ACCURATE
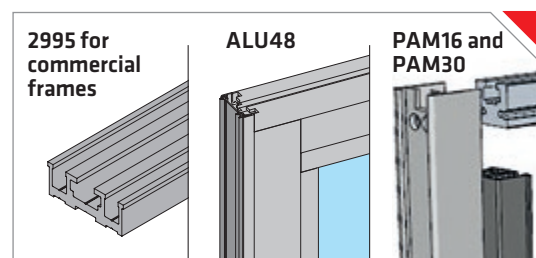Easy and accurate setting with 2 digit display

HIGH PERFORMANCE
Trolley with wheels in Dupont™ Delrin® technopolymer and anti-derailing system

GLASS WING

AC1356   AC4255   AC4870   ACV

FRAMED WING

2995 for commercial frames   ALU48   PAM16 and PAM30

Quality and performances without compromises

✔ Quality & reliability

Ditec DAS107PLUS is the sliding door operator focusing on the needs of our customers and featuring **high quality components at the right value**:
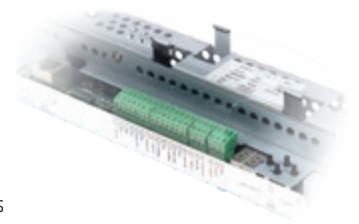
- Performing electromechanical operator for up to **160 kg** door weight
- Tested up to **1 Million cycles**
- Long-lasting 24 Vdc motor with built-in Encoder (brand **DUNKERMOTOREN™**)
- Reinforced techno-polymer wheels in **DUPONT™ Delrin®**
- Fully **certified** and tested by **TÜV SÜD**

Time saving installation

Designed for a simple installation, few components to assemble and few parameters to set-up. Ditec DAS107PLUS is the **time saving solution** for any need:

- **PLUG & PLAY** connectors
- **Automatic self-learning** start-up mode, with **auto detection** of:
  - weight of wings
  - passage opening
  - presence of emergency and back-up batteries
- Easy and accurate control panel setting with **digital programming** and just few key parameters
- **Switching power supply** covering a wide range of electric voltages (100 ÷ 240 Vac, -10%/+10%; 50/60 Hz)
- **Easy adjustment** of trolleys and belt
- **New design for the casing and the front cover** intended to make installation faster and more comfortable and the maintenance quicker and safer

Easy logistics

Ditec DAS107PLUS is the solution to optimize **stock value and manage logistics**:

- Easy to order: **1 kit**, **1 beam** and **1 cover** and you're ready to start with your **operator**
- The convenient kit item includes power supply, gear motor, control panel, trolleys and brackets
- Beam and cover available length: **4450 and 6650 mm**
- Selected range of accessories to complete your installation
- **One door holder** for every application, designed in conjunction with **Ditec AC glass profile** wing, **Ditec PAM and Ditec ALU48** profile series and any **commercial frames**
- **QR Code** for downloading the installation manual simply and quickly

Smart Design: slim and comfortable!

120 mm height is the right size to have an automation with a friendly installation and maintenance.
In a perspective of **continuous product improvement**, Ditec introduces **a new design for the casing and the front cover**:
- the front cover **can be rotated up to 110°**, allowing access to the internal components of the automation **without the need to remove it**;
- the presence of **specific anti-fall stops** prevents the cover from falling, ensuring totally **safe installation** and maintenance operations.

Intelligent access, total control

Smart things

Ditec offers two different **App** based solutions - one of the **end user** and one for the **installer** - for a smart management and control of DAS automatic doors.
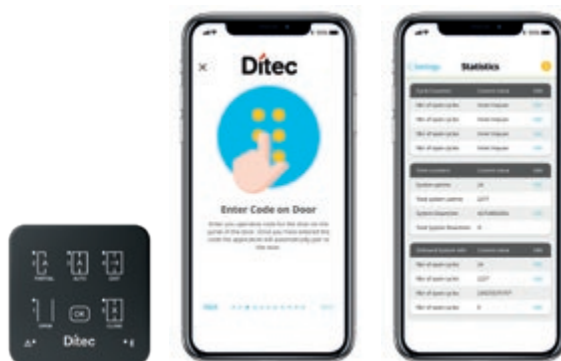
DITEC DOOR CONNECT

Free App available on Play Store and App Store.
For use with latest generation Bluetooth® wireless technology-equipped COM501 and COM502 function-selectors, offering the **end user** access to the following features:

- 5 functions, including **RESET**
- Download and send **events** and **statistics log**
- Download and send **error log**
- Add and manage **App users** (up to 7)
- Manage setting of **partial opening** and **timer-controlled automatic closing parameters**
- **People count** and **flow control management**

ANDROID APP ON
Google play

Download on the
App Store

SLIDER CONFIGURATION TOOL

An **advanced software** (DAS900CT) **for installers**, allowing the **complete configuration** and management of DAS automation from a tablet (requires DAS900CTI interface).
This software offers the **installer** the following features:

- Usage of 5 controller functions, including **RESET**
- **Configure all parameters** of the control panel
- Download and upload **preset parameter configurations**
- Manage **events** and **errors log**
- Manage complete **statistics log**
- Electrical board **software update**

Ditec DAS107PLUS
also for panic exit systems

The following panic exit aperture systems may be used in conjunction with the Ditec ALU48 series of door perimeter profiles, **TÜV SÜD certified**:

- **SBO** break-out system with sliding door wings on internal side,
- **RBO** break-out system with sliding door wings on external side,
- **TBO** total break-out (mobile wings and fixed wings).

Specific accessories

DAS801LOK
Secure lock with external handle release

DAS801LOKA
Safe lock

COM501MKS
Mechanical function-selector with key operation

COM501MHS
Mechanical function-selector with handle operation

COM500ES
Digital electronic function-selector

COM502ES
Electronic capacitive touch function-selector with Bluetooth® module

COM501ES
Electronic capacitive touch function-selector with Bluetooth® module and RJ45 plug for Configuration Tool

COM501ER
Electronic capacitive touch function-selector and security key with Bluetooth® module and RJ45 plug for Configuration Tool

DAS901BAT1
Battery kit, 12 Vdc power supply for emergency use only

DAS902BAT2
Battery kit, 24 Vdc power supply for back-up use

DAS11M8
N° 4 fixing plates (n° 2 wings) for AC1356, PAM16 and PAM30

DAS18M8
N° 4 fixing plates (n° 2 wings) for AC4255 and AC4870

DAS40M8
N° 4 fixing plates (n° 2 wings) for ALU48

COM502ER
Electronic function-selector with capacitive «touch» push buttons, protection key (Euro cylinder) and Bluetooth® module

DAS900CTI
Bluetooth® interface for direct connection between the Control Panel and the Slider Configuration tool

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FULL COMPLIANCE WITH EUROPEAN DIRECTIVES AND STANDARDS

- **2014/30/EU - EMCD** - Electromagnetic Compatibility Directive
- **2006/42/EC** - Machinery Directive
- **Harmonised EU Standards (certified by TÜV SÜD):** EN 16005:2012; DIN 18650-1:2010; EN ISO 13849-1:2015; EN 60335-1:2012/A11:2014; EN 60335-2-103:2015; EN 61000-6-3:2007+A1:2011

CE

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TECHNICAL SPECIFICATIONS

DAS107PLUS	
Description	**automation for sliding doors**
Drive type	**encoder**
Max door panel weight	**120 kg (1 wing) / 160 kg (2 wings)**
Endurance test	**1 M cycles**
Gearmotor	**24 Vdc with encoder**
Power supply	**100 ÷ 240 Vac, -10%/+10%; 50/60 Hz**
Max nominal power	**75 W**
Accessories power supply	**0.64 A @ 24 Vdc**
Opening and closing speed	**1.0 m/s bi-part door (adjustable)**
Hold open time	**0-60 s (adjustable)**
Operating temperature	**-20°C / +50°C**
Protection rating	**IP20**
Dimensions (H x W x L)	**120x143xL mm**
Max operator length	**5600 mm**
Max clear passage (with 50 mm overlap fixed/mobile)	**2715 mm (1 wing)** **2740 mm (2 wings)**

Example of installation

Safety sensors

Opening & safety sensors

Aluminium cover

Safety sensors

Key function-selector switch

Cert. n. 0957/8

Part of ASSA ABLOY

Technical data subject to change without notice