CAPE DOOR SYSTEMS (PTY) LTD

PRODUCT BROCHURE
REV. 2026.05



AUTOMATIC SLIDING DOOR

CDS-SL-800
CDS-SL-1000

Quiet. Reliable.
Built for the way you work.

TALK TO US

+27 83 236 8242

capedoorsystems.co.za

PRODUCT FEATURES

Six reasons the CDS-SL-800 and CDS-SL-1000 are the smart choice for your next installation.

01

Microcomputer control

Intelligent control with flexibly adjustable parameters for fine-tuning to site requirements.

02

Self-learning at start-up

Automatically adjusts parameters to the actual door width on every power-up for optimal performance.

03

Brushless BLDC motor

Low friction and a long service life. Quiet, dependable, and built to keep running.

04

Quiet and efficient

Polyoxymethylene rollers and shock-absorbing rubber reduce noise; a wool brush keeps the rail dust-free.

05

Electric lock function

Safe and reliable e-lock integration with a range of access-control systems. Two-door interlock available.

06

Backup battery ready

Optional emergency power keeps the door operational through load-shedding and outages.

PERFORMANCE PARAMETERS

PARAMETER	CDS-SL-800	CDS-SL-1000
Door type	Single door / double door	
Opening speed	150–500 mm/s (adjustable)	
Closing speed	150–500 mm/s (adjustable)	
Hold-open time	0–9 s	
Door weight, max — single	1 × 120 kg	1 × 180 kg
Door weight, max — double	2 × 100 kg	2 × 160 kg
Clean opening, max	4000 mm	
Power voltage	AC 220 V, 50/60 Hz	
Motor specification	DC 24 V, 80 W, brushless	
Working temperature	−20 °C to +50 °C	

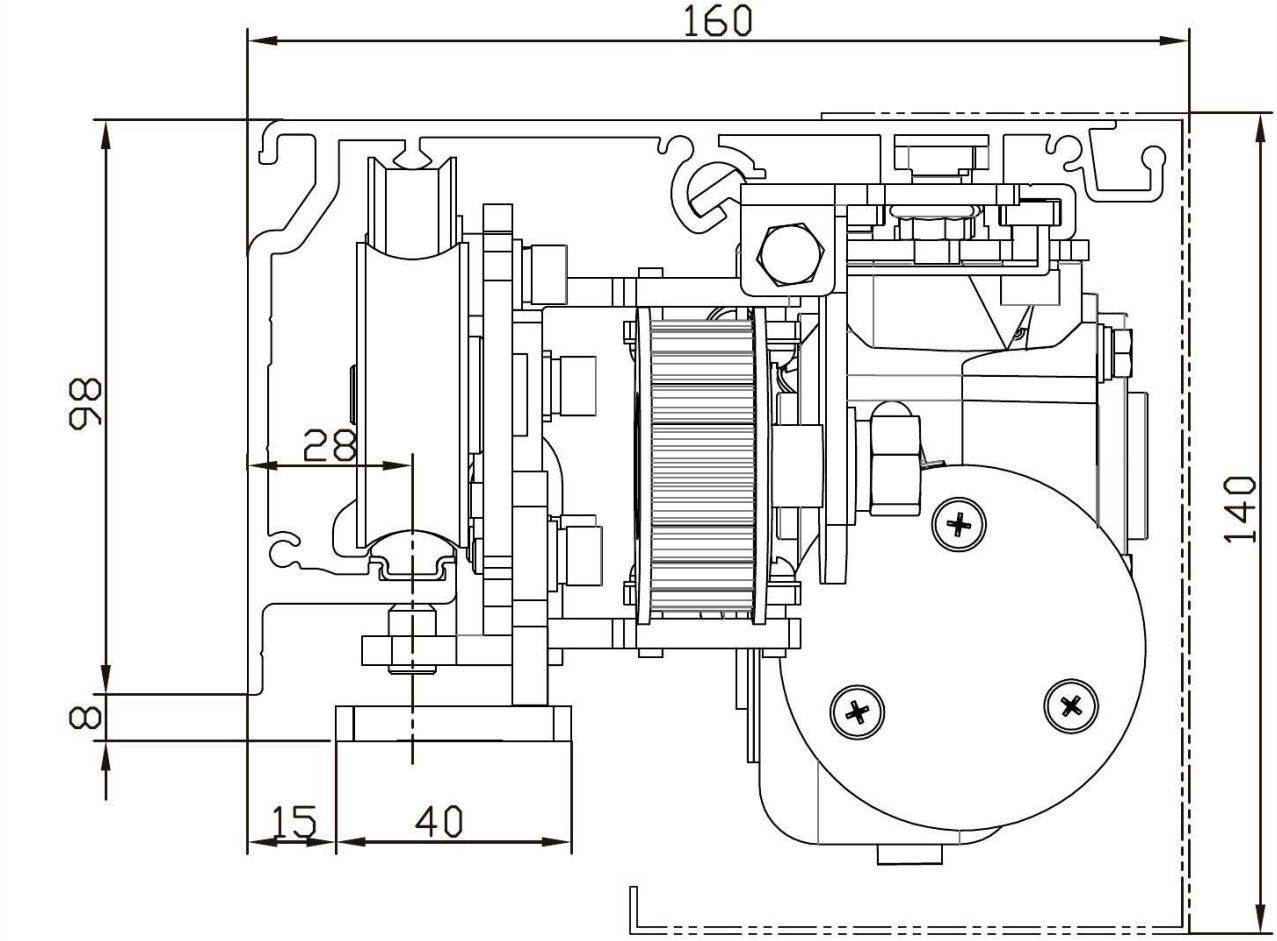
STANDARDS COMPLIANCE

Tested and certified to international safety and performance standards.

- JG/T 305-2011
- GB/T 34616-2017
- IEC 60335-1:2010 +A1 +A2
- IEC 60335-2-103:2015 +A1 +A2
- EN 60335-2-103:2015
- EN 16005:2012
- EN ISO 13849-1:2015
- EN 12100:2010
- EN 60335-1:2012/A15:2021

SIDE VIEW

Cross-section through the drive mechanism and guide-rail profile. All dimensions in millimetres.



160 mm
RAIL DEPTH

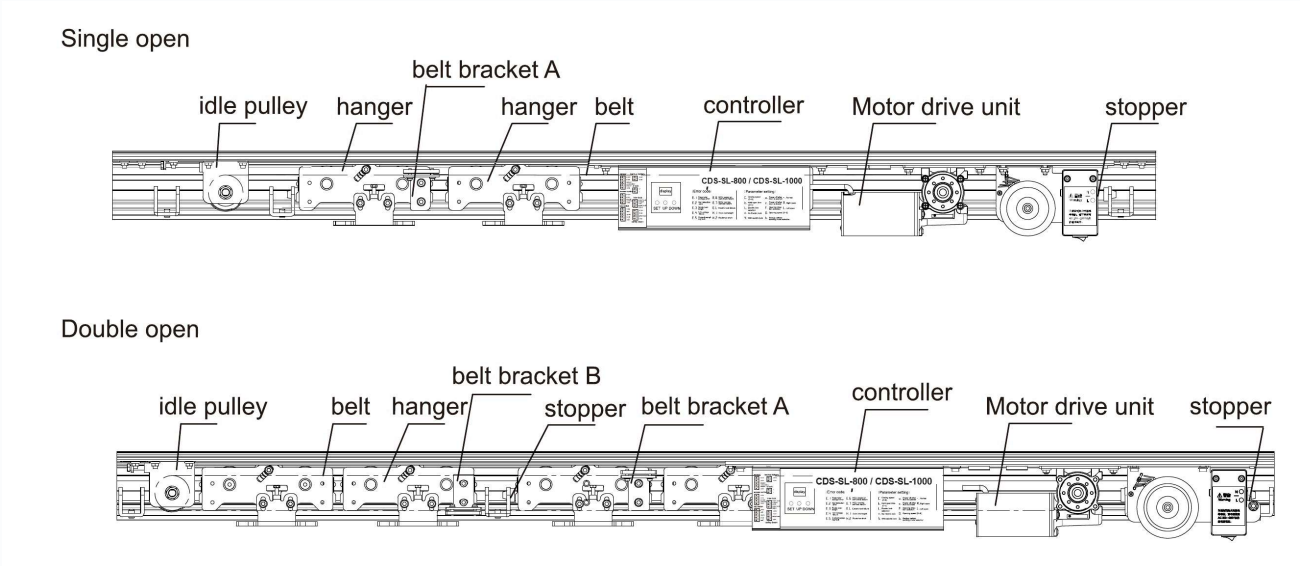
140 mm
OVERALL HEIGHT

98 mm
RAIL HEIGHT

40 mm
HANGER CENTRE

COMPONENT LAYOUT

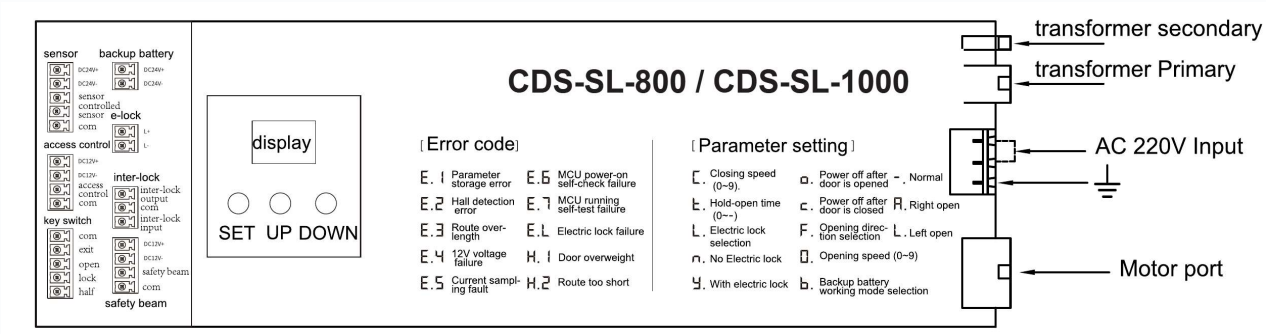
Position of every component in the guide rail — single-open (top) and double-open (bottom) configurations.



Idle pulley · Hanger · Belt · Belt bracket A / B · Controller · Motor drive unit · Stopper

CONTROLLER & TERMINALS

Integrated controller supporting sensor, access-control, key-switch, e-lock, interlock and safety-beam inputs.



P1 **Sensor**

DC 24 V supply, sensor and controlled-sensor inputs, COM.

P2 **Access control**

DC 12 V. An NC signal opens the door regardless of state.

P3 **Key switch**

COM, EXIT, OPEN, LOCK, HALF.

P4 **Backup battery**

24 V DC emergency power input.

P5 **E-lock**

12 V output, max 800 mA. Active while the door is locked.

P6 **Inter-lock**

Two-door interlock — only one door open at a time.

P7 **Safety beam**

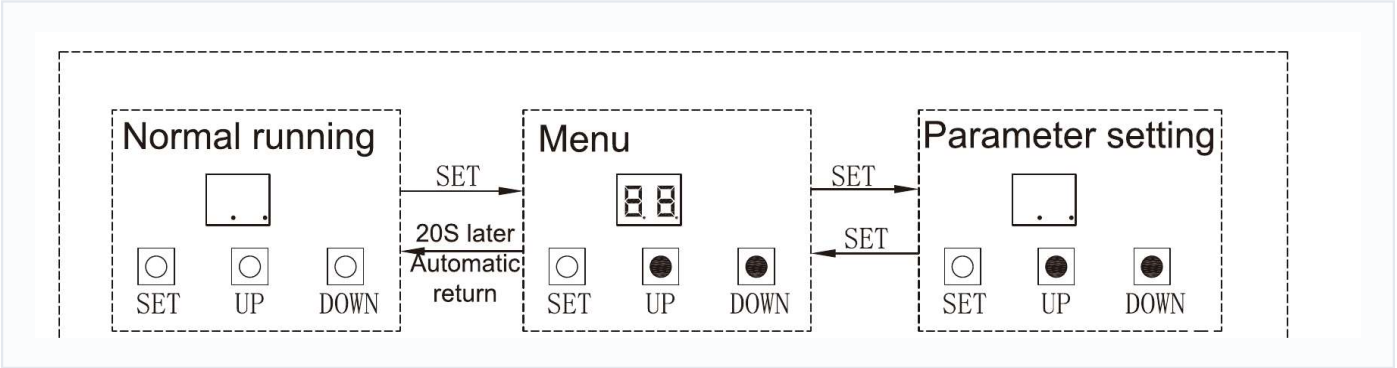
12 V supply. An NO signal triggers an immediate reopen.

AC **Mains & motor**

AC 220 V input via transformer; dedicated motor port.

PARAMETER SETTINGS

Press SET to enter the menu, UP / DOWN to select, SET again to edit. The display returns to normal running after 20 seconds.



PARAMETERS

0	Opening speed (0–9)
C	Closing speed (0–9)
t	Hold-open time
L	Electric-lock selection
b	Backup-battery mode
F	Opening direction (R / L)

ERROR CODES

E.1	Parameter storage error	E.6	MCU power-on self-check failure
E.2	Hall detection error	E.7	MCU running self-test failure
E.3	Route over-length	E.L	Electric-lock failure
E.4	12 V voltage failure	H.1	Door overweight / belt over-tight
E.5	Current sampling fault	H.2	Route too short

CAPE DOOR SYSTEMS (PTY) LTD

LET'S TALK ABOUT YOUR PROJECT.

Whether you need a quote, a site visit, or technical advice — we're a call or a message away.

CALL US

+27 83 236 8242

WHATSAPP

+27 83 236 8242

ONLINE

capedoorsystems.co.za

WORKSHOP & OFFICES

Cape Door Systems (Pty) Ltd
Darwin Industrial Park, Unit 5, 8 Aspen Street
Fisantekraal, Cape Town, 7550

© CAPE DOOR SYSTEMS (PTY) LTD