



EASY TO  
INSTALL



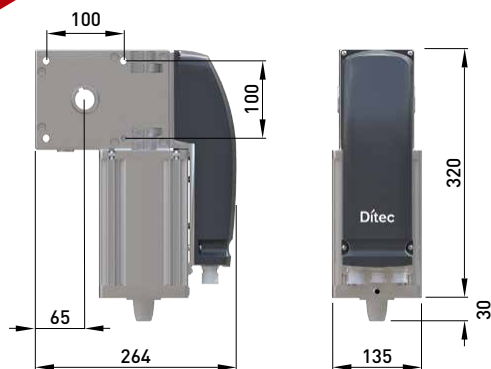
VERSATILE



KITS READY FOR USE

Automation for  
counter-balanced  
industrial sectional  
doors

# Dítec **DOD**



## TECHNICAL SPECIFICATIONS

Description	DOD 14
Electromechanical actuator	for sectional doors
Stroke control	rotary limit switch
Service index	4 - intense
Intermittent operation	S2 = 30 min S3 = 50%
Power supply	230 Vac - 50/60 Hz
Power absorption	3 A
Torque / Thrust	60 Nm
Drive shaft rpm	22 RPM
Release system for manual opening	Rapid release Manual chain operation (optional) Manual flywheel operation (optional)
Operating temperature	-20°C ÷ +55°C (-35°C ÷ +55°C with NIO activated)
Protection rating	IP 40
Control panel	LCA85: 135x264x350 LCA85B: 238x357x120

## MAIN PLANT FUNCTIONS

Description	LCA85 - LCA85B
Radio frequency	433.92 MHz with ZENRS or BIXR2 868.35 MHz with ZENPRS or BIXPR2
Interchangeable receiver module 433MHz/868MHz	■
Mains power supply	230 Vac - 50/60 Hz
Motor power supply	3 A
Accessories power supply 24 Vdc and 24 Vac	0.5 A max
Stroke control	virtual encoder and limit switch
Limit switch provision	■
Energy saving (GREEN mode)	energy saving in standby*
Operating temperature	-20°C ÷ +55°C in standard conditions (-35°C ÷ +55°C with NIO activated)
Panel protection rating	IP55
Open control	■
Partial opening control	■
Close control	■
Stop command	■
Step-by-step control	■
Hold-to-run control selectable from the display	■
Hold-to-run control only on closing. Automatic opening	■
Automatic closing contact control	■
Safety edge with 8.2kΩ resistance	■ during opening and closing
Flashing light	230 Vac 25 W max

\* Absorbed current limitation of accessories in standby

Description	LCA85 - LCA85B
Number of 24 Vdc configurable outputs	2
- gate-open warning light (ON/OFF)	■
- gate-open warning light with proportional flashing light	■
- courtesy light	■
- 24 Vdc LED flashing light	■
- status indicator light for stop, safety devices, maintenance alarm	■
Programmable function configuration	display and navigation buttons
Force adjustment	■ (electronic)
Thrust on obstacles	adjustable
Braking/slowing	■
Approach space before limit switch	adjustable
Automatic reclosing time	adjustable
Heavy traffic control	■
Built-in datalogging (counters and last alarms history)	viewable on the display
FW updating	via Amigo and USBPROG
Emergency stop during opening (emergency stop)	■
Safe closing (reverse)	■
Safety test function (for automatic safety devices)	■
ODS - Obstacle Detection System (causes a stop or a reverse operation if an obstacle is detected)	■
NIO - Antifreeze system	■
Magnetic loop detector	■ with LAB9 accessory