



UNIVERSAL



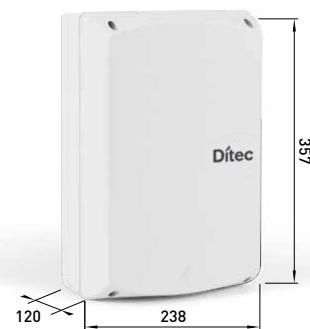
VERSATILE



INNOVATIVE

Control panels
for 1 or 2
230 Vac motors
for swing gates

Ditec **LCA**



LCA70
LCA80

MAIN FUNCTIONS OF THE SYSTEM

DESCRIPTION	LCA70	LCA80
Radio frequency	433.92 MHz in standard configuration 868.35 MHz with ZENPRS or with BIXPR2	433.92 MHz with ZENRS or with BIXR2 868.35 MHz with ZENPRS or with BIXPR2
Interchangeable receiver module 433.92 MHz --> 868.35 MHz	■	■
Mains power supply	230 Vac - 50/60 Hz	230 Vac - 50/60 Hz
Motor power supply	230 Vac / 1 x 4 A 230 Vac / 2 x 2 A	230 Vac / 1 x 4 A 230 Vac / 2 x 2 A
Accessory power supply	24 Vdc + 24 Vac / 0.3 A	24 Vdc + 24 Vac / 0.5 A
Stroke management	end stop detection or limit switch	end stop detection or limit switch
Limit switch provision	■	■ only with 1 motor
Energy saving (GREEN mode)		■
Operating temperature	-20°C ÷ +55°C in standard conditions (-35°C ÷ +55°C with NIO system active)	-20°C ÷ +55°C in standard conditions (-35°C ÷ +55°C with NIO system active)
Protection rating of electrical panel	IP55	IP55
Opening control	shared with inching control, which can be selected from the display	■
Partial opening control.	■	■
Close control	shared with emergency stop, which can be selected from the display	■
Stop control	via Radio or shared with partial opening control, which can be selected from the display	■
Step-by-step control	■	■
Hold-to-run control	■	■
Automatic closing contact management	shared with partial opening control, which can be selected from the display	■
Flashing light	230 Vac	230 Vac
Electric lock	12 Vac 15 W	12 Vac 15 W
Number of configurable 24 Vdc outputs	1	2
- gate open warning light (ON/OFF)	■	■
- gate open warning light with proportional flash mode	■	■
- courtesy light	■	■
- 24 Vdc LED flashing light	■	■
Configuration of programmable functions	display and navigation buttons	display and navigation buttons
Force adjustment	■ (electronics)	■ (electronics)
Approach speed	adjustable	adjustable
Operation time	adjustable	adjustable
Thrust on obstructions	adjustable	adjustable
Stop approach	adjustable	adjustable
Automatic closing time	adjustable	adjustable
Compatibility with hydraulic motors	■	■
Heavy traffic management	■	■
Integrated datalogging (counters and recent alarm log)	can be viewed on display	can be viewed on display
FW update	with Amigo and USBPROG software	with Amigo and USBPROG software
Safety stop (emergency stop)	■	■
Safe closing (inversion)	■	■
Safety test function (for self-testing safety devices)	■	■
ODS - Obstruction Detection System (stops current movement or reverses movement if an obstacle is detected)	■	■
NIO - Antifreeze system	■	■
Safety edge with 8.2kΩ resistance	■ with accessory	■ in opening and closing (terminal connectors already integrated in the control panel)
Magnetic loop detector	■ with accessory LAB9	■ with accessory LAB9