

# AUTOMATION FOR COMMERCIAL, INDUSTRIAL AND CONDOMINIUM SLIDING GATES

## Ditec CROSS 30



**Ditec CROSS 30** is the line of operating units for heavy and large sliding gates.

**Powerful:** 400 Vac three-phase electronics guarantees maximum performance thanks to greater dynamic thrust during the initial phase of operation

**Sturdy and Reliable:** unrelenting even under prohibitive conditions.

POWERFUL



RELIABLE  
AND ROBUST



### Product range

Weight up to 3000 kg

Ditec CROSS 30E

### Technical specifications

Description	CROSS 30E
Electromechanical actuator	for sliding gates up to 3000 kg
Stroke control	magnetic limit switch
Capacity	3000 kg
Service index	5 - heavy duty
Intermittent operation	S3 = 100%
Power absorption	400 Vac 50 Hz
Power input	2.1 A
Thrust	3000 N
Opening speed	0.16 m/s
Closing speed	0.16 m/s
Max stroke	20 m
Release system for manual opening	key-operated
Operating temperature	-20°C ÷ +55°C
Protection level	IP 45
Product dimensions (mm)	530x275x588
Control panel	E1T (built-in)

TECHNICAL FEATURES	
Control panel	ref. E1T for one 400 Vac three-phase motor
Radio frequency	433.92 MHz with BIXR2 868.35 MHz with BIXPR2
Mains power supply	400 Vac - 50 Hz
Motor power supply	400 Vac - 1 x 6 A
Accessories power supply	24 Vdc - 0.5 A
Limit switch provision	■
Operating temperature	-20°C ÷ +55°C
Control panel protection level	IP55
Control panel dimensions (mm)	187x261x105
INPUTS	
Opening control	shared with step-by-step control, selected with dip-switch
Partial opening control	■
Close control	■
Stop control	■
Step-by-step control	shared with opening control, selected via dip-switch
Hold-to-run control	■
Automatic closing contact management	■
OUTPUTS	
Flashing light	24 Vdc
Gate-open warning light (ON/OFF)	■ from limit switch
PROGRAMMABLE FUNCTIONS	
Configuration of programmable functions	dip-switches and trimmers
Automatic re-closing time	adjustable
SAFETY AND PROTECTION FUNCTIONS	
Emergency stop	■
Safe closing (inversion)	■
Safety Test Facility (for automatic safety devices)	■
ODS – Obstacle Detection System (causes the gate to stop or to reverse movement when an obstacle is detected)	■ with active edge
OPTIONAL ACCESSORIES	
8.2 KΩ-resistance safety edge	■ with accessory GOPAV or SOF
Magnetic loop detector	■ with LAB9