

# TUB AND D-PRO 500

THE POWERFUL SAFE SOLUTION  
TO AUTOMATE LARGE SLIDING GATES.  
IDEAL FOR INDUSTRIAL CONTEXTS.



Nice Tub



# TUB

NEW OPERA 400V

**For sliding gates weighing up to 4000 kg.  
Ideal for industrial applications.**

Non-reversible 400 Vac electromechanical gearmotor with built-in D-Pro 500 control unit.

### Powerful

Ideal for automating large industrial gates.

### Functions and safety:

programmable, with electromechanical brake

to eliminate gate inertia.

Self-ventilated motor to increase the work cycle.

### Maximum durability and silent operation:

metal and bronze gears.

### Advanced:

Tub satisfies all control needs thanks to the possibility of easily and precisely managing the various functions with the O-View programmer.

### Practical:

the lever release makes this operation easy and safe.



### Simplified programming via O-View

Thanks to compatibility with the Opera system, the automation system can be managed, programmed and controlled even at a distance, with considerable savings in time.



SELF-VENTILATED MOTOR  
TO INCREASE THE WORK CYCLE



**IT4WIFI**  
SMART WI-FI INTERFACE  
TO MANAGE GATES  
AND GARAGE DOORS  
BY SMARTPHONE.

PC./PACK 1

CODE	DESCRIPTION
<b>TUB4000</b>	NON-REVERSIBLE 400 Vac ELECTROMECHANICAL GEARMOTOR WITH BUILT-IN D-PRO CONTROL UNIT

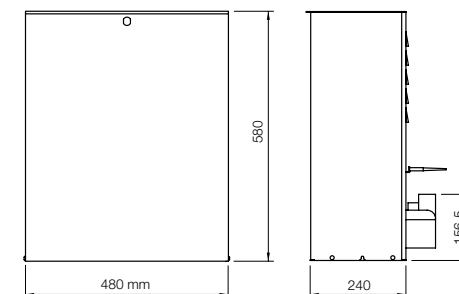
### TECHNICAL SPECIFICATIONS

CODE	TUB4000
<b>ELECTRICAL SPECIFICATIONS</b>	
POWER SUPPLY (Vac 50 Hz)*	400
CURRENT DRAW (A)	1.6
POWER (W)	580
<b>PERFORMANCE DATA</b>	
SPEED (m/s)	0.16
FORCE (N)	7740
WORKING CYCLE (CYCLES/HOUR)**	42
<b>DIMENSIONAL AND GENERAL DATA</b>	
INGRESS PROTECTION (IP)	54
OPERATING TEMP. (°C MIN/MAX)	-20 ÷ +55
DIMENSIONS (mm)	480x240x580 h
WEIGHT (kg)	60

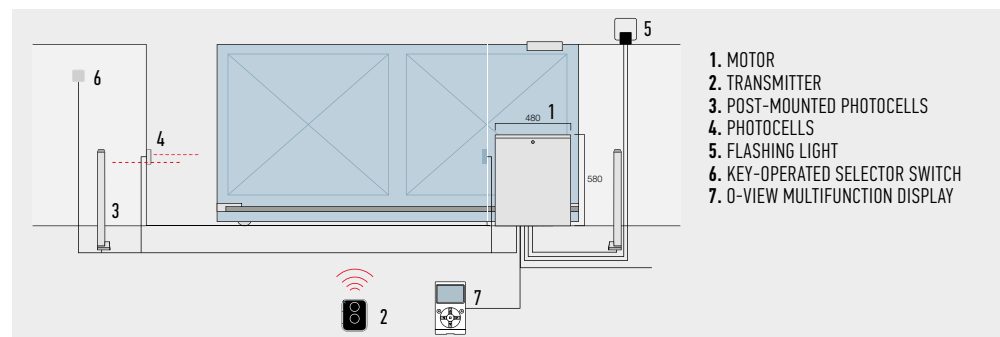
\*Can also be used at 60 Hz with consequent change in performance.

\*\* With 5 m long leaves.

### DIMENSIONS



### INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. POST-MOUNTED PHOTOCELLS
4. PHOTOCELLS
5. FLASHING LIGHT
6. KEY-OPERATED SELECTOR SWITCH
7. O-VIEW MULTIFUNCTION DISPLAY

### ACCESSORIES



**DPRO500**  
SPARE CONTROL UNIT.

PC./PACK 1



**NDA040**  
FOR OPTIONAL POTENTIAL  
FREE OUTPUTS.

PC./PACK 1



**ROA81**  
RATCHET, M6 30x30x1000 mm  
GALVANISED, FOR WELDING.

PC./PACK 1



**TS**  
SIGN.

PC./PACK 1

# D-PRO 500

NEW OPERA

**Control units for motors with mechanical and electronic limit switch, both automatic and deadman operation.**

Suitable for all types of motors, single phase without integrated inverter and three-phase, with 2.2 kW maximum power.

**Easy programming and 2 diagnostics LEDs.**

**High performance**, with possibility of adding a dedicated module for optional potential free outputs.

Compatible with all types of sensitive edges, including wireless.

**Easy to programme**, thanks to the O-View programmer with multifunction display for connection through the IBT4N interface (both optional).

### Safe

Protected by a plastic shell, to avoid any risk of electrical shock.

### Radio receiver

Dedicated slot for inserting Nice plug-in receivers.

### Smart

The service warning for maintenance can be programmed according to the number of manoeuvres required.

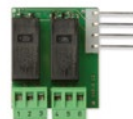


CODE	DESCRIPTION
<b>DPRO500</b>	CONTROL UNIT FOR 230 Vac, 2.2 kW SINGLE PHASE MOTOR, OR 400 Vac, 2.2 kW THREE PHASE MOTOR

### TECHNICAL SPECIFICATIONS

CODE	DPRO500
<b>ELECTRICAL SPECIFICATIONS</b>	
POWER SUPPLY (Vac 50/60 Hz)*	1-230 / 3-400
MAX MOTOR POWER (kW)	2.2
LOGIC UNIT POWER SUPPLY (Vdc)	24
POWER IN STANDBY	< 5 VA
PRE LIMIT INPUT:	PROGRAMMABLE
EXTERNAL CONTROL INPUTS	WIRED INPUTS, ALL PROGRAMMABLE
SENSITIVE EDGES	OPTICAL, 8.2 KΩ RESISTIVE AND 8.2 KΩ PNEUMATIC
EXTRA OUTPUT	2 FREE PROGRAMMABLE AND POTENTIAL FREE CONTACTS (BY MEANS OF NDA040 MODULE)
DC OUTPUT	24 Vdc 1°
STOP INPUT	NORMALLY CLOSED CONTACTS
<b>DIMENSIONAL AND GENERAL DATA</b>	
INGRESS PROTECTION (IP)	55
OPERATING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	210x125x310 h
WEIGHT (kg)	3

### ACCESSORIES



**NDA040**  
FOR OPTIONAL POTENTIAL  
FREE OUTPUTS.  
PC./PACK 1



**IBT4N**  
INTERFACE MODULE FOR  
THE O-VIEW PROGRAMMER  
CONNECTION.  
PC./PACK 1



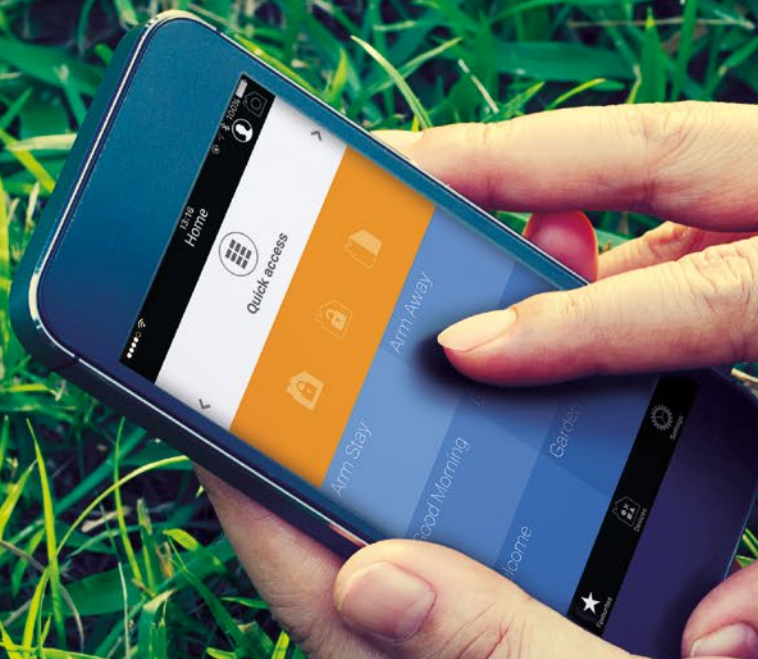
**OVIEW**  
DEVICE FOR PROGRAMMING  
AND MONITORING  
THE CONTROL UNIT.  
PC./PACK 1



**IT4WIFI**  
SMART WI-FI INTERFACE  
TO MANAGE GATES  
AND GARAGE DOORS  
BY SMARTPHONE.  
PC./PACK 1



# TECHNOLOGY AS SIMPLE AS A GESTURE



## NICE, EASY SOLUTIONS FOR HOME AND BUILDING.

SYSTEMS FOR THE AUTOMATION AND CONTROL OF GATES, GARAGE DOORS, BLINDS, SHUTTERS AND ALARM SYSTEMS, WITH INTEGRATED MANAGEMENT USING SMART AND INTUITIVE INTERFACES: PRACTICAL, FUNCTIONAL AND ELEGANT SOLUTIONS TO HELP YOU ENJOY YOUR LIVING SPACES TO THE FULL.

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