

230<sub>VAC</sub>24<sub>VDC</sub>

# DU.IT14N

# DU.IT24NVE

## UNDERGROUND INSTALLATION

up to 3.5 m

## DUIT.BR ACCESSORY AVAILABLE

(FOR THE ADJUSTMENT OF MOST OF FOUNDATION BOXES IN THE MARKET)

# BENINCA

100%  
Made in Italy



## CONTROL UNITS:

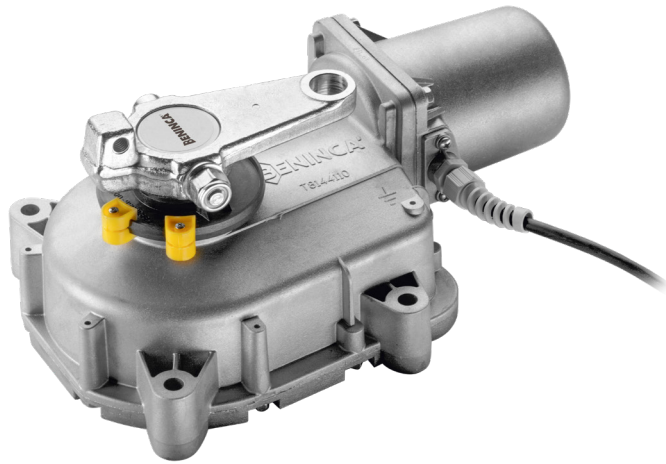
DU.IT14N — BRAINY HEADY

DU.IT14NE — BRAINY

DU.IT14NV — BRAINY HEADY

DU.IT14NVE — BRAINY

DU.IT24NVE — BRAINY24+  
BRAINY24



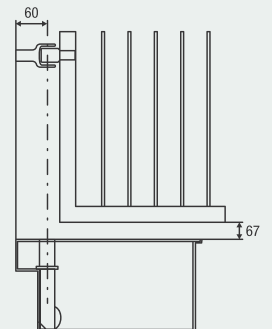
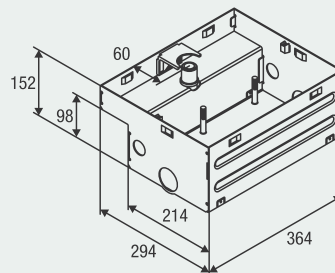
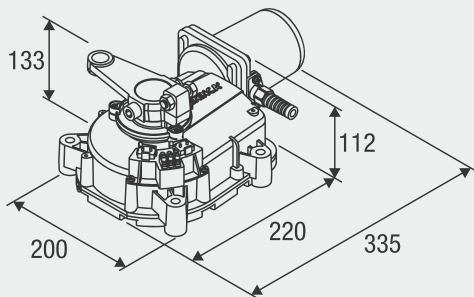
Irreversible electromechanical geared motor available in 230 Vac and 24 Vdc version, with the option of opening to 180°. Full metal mechanics and built-in mechanical stop.

## 230 Vac

- Irreversible 230 Vac electromechanical geared motor
- Available also in the quick version (DU.IT14NV), with encoder (DU.IT14NE) and the quick version with encoder (DU.IT14NVE)
- The encoder guarantees maximum safety and precision while the gate is moving

## 24 Vdc | intensive use

- Irreversible 24 Vdc electromechanical geared motor for intensive use, equipped with encoder
- The encoder device ensures maximum safety and precision in the gate moving phases
- Amperometric sensor obstacle detection system to prevent crushing
- Optional battery powered operation





**DU.ITIX**

Self-supporting stainless steel foundation box max. opening 110°. Supplied only with cover, requires release accessory SB.DUIT.L, SB.DUIT.K, SB.DU180.K or SB.DU180.L.



**DU.ITCF**

Self-supporting foundation box with cathoretic painted finish, max. opening 110°. Supplied only with cover, requires release accessory SB.DUIT.L, SB.DUIT.K, SB.DU180.K or SB.DU180.L.



**SB.DUIT.K**

Kit comprising personalised release key and components to connect the motor to the gate. Mechanical stop incorporated.



**SB.DUIT.L**

Kit comprising release hex key and components to connect the motor to the gate. Mechanical stop incorporated.



**SB.DU180.K**

Kit comprising personalised release key and components to connect the motor to the gate, for openings up to 180°.



**SB.DU180.L**

Kit comprising release hex key and components to connect the motor to the gate, for openings up to 180°.



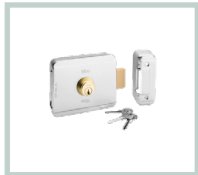
**DU.ITST**

Adjustable mechanical open stop 75°/80°/85°/90°/95°/100°.



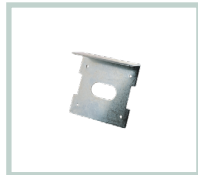
**DU.V96**

12 Vac/dc vertical electric lock, supplied with counterplate. Permits internal/external release.



**DU.V90**

12 Vac/dc horizontal electric lock, supplied with counterplate. Permits internal/external release.



**DU.9990**

Covering plate for DU.V90.



**E.LOCK**

230 Vac vertical electric lock, supplied with counterplate.



**E.LOCKSE**

Extended cylinder for E.LOCK electric lock. It allows unlocking gates up to 55mm-thick from the outside.



**DUIT.BR-01**

Adaptors for the installation of 2 operators compatible with the most common foundation boxes in the market.



**DUIT.BR-03**

Adaptors for the installation of 2 operators compatible with the most common foundation boxes in the market.



**DU.FCN**

Water-proof limit switches device for DU.IT14N, DU.IT14NV, DU.IT24NVE.



**CABLE.24E**

Cable reel with 5 conductors (2 for motor, 3 for encoder) for connecting the encoder device in the 24 Vdc versions. L= 100 m.



**ID.TA**

Warning board.

**AUTOMATISMI BENINCA SpA** • Via del Capitello, 45 • 36066 Sandrigo (VI) ITALY • T +39 0444 751030 • sales@beninca.com

TECHNICAL DATA	DU.IT14N*	DU.IT14NE	DU.IT14NV	DU.IT14NVE	DU.IT24NVE*
Power supply	230 Vac (50-60Hz)	230 Vac (50-60Hz)	230 Vac (50-60Hz)	230 Vac (50-60Hz)	230 Vac (50-60Hz)
Motor supply	230 Vac	230 Vac	230 Vac	230 Vac	24 Vdc
Max absorbed current	1.6 A	1.6 A	1.6 A	1.6 A	11 A
Torque	370 Nm	370 Nm	220 Nm	220 Nm	280 Nm
Opening time	22"	22"	11"	11"	15"
Duty cycle	30%	30%	40%	40%	intensive use
Protection level	IP67	IP67	IP67	IP67	IP67
Encoder	NO	YES	NO	YES	YES
Cams' disk included	YES	NO	YES	NO	YES
Operating temperature	-20°C /+50°C	-20°C /+50°C	-20°C /+50°C	-20°C /+50°C	-20°C /+50°C
Leaf max dimension	3.5 m	3.5 m	2.1 m	2.1 m	3.5 m
Weight	11.3 kg	11.2 kg	11 kg	11.2 kg	10 kg
Items no. per pallet	44	44	44	44	44
DU.ITIX weight	8.1 kg	8.1 kg	8.1 kg	8.1 kg	8.1 kg
DU.ITCF weight	9.6 kg	9.6 kg	9.6 kg	9.6 kg	9.6 kg
No. of foundation boxes per pallet	32	32	32	32	32

\* Available in 115 VAC version