

Elpro S40 is a control panel fitted with microprocessor, specially designed to operate the Strabuc, Coral and Vigilo range of electro-hydraulic bollards. Its main feature is the option to be able to control up to 4 bollards at the same time.

Among the main features, the following operation modes are included: automatic or semi-automatic closing, hold-on-switched control (ie. deadman control), reversing or non reversing options by remote control on opening cycle, step-by-step mode with stop in between, service lights, pedestrian opening with motor 1. Terminals are provided, fitted onto the board near the motor supply outputs, for the separate connection of additional starting capacitors if required.

It is designed to take a plug-on radio receiver card and an extra (optional) card to interface with 3 lamp traffic lights (Red, Yellow and Green).

Elpro S40 includes a separate terminal board for the connection of an electrovalve, allowing the post to lower in case the electric power is interrupted.

An I.S.C. (Integrity Supervision Circuit) is also incorporated with Elpro S40: this circuit is designed to scan the whole electronic board and detect possible faults affecting any component or incorrect functioning of any accessories connected to the system. Once a fault is detected, supposed that the system is fitted with an electrovalve, the post is automatically lowered; in the cases where the electrovalve is not included, ISC prevents the motor/s from any operation.

Removable terminal boards allow easy connection operations. Fuses are fitted to protect the main components such as the voltage supply input, the transformer and the low voltage circuit.

Elpro S40 is designed and produced by Meccanica Fadini. Severe testing ensures high quality standards, accurate component selection and extreme reliability.

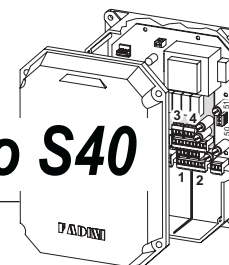
#### TECHNICAL DATA

Supply voltage	230V 50Hz
Electric motor voltage output	230V 50Hz
Low voltage output	24V - 10W
Motor max. power output	330W x 4
Line fuses	630mA
Protection Standards	IP 437
Box dimensions	280x200x110mm
Box material	Polycarbonate
Box colour	Grey
Static weight	2,2Kg

#### Transformer

Power	5VA
Voltage	0 - 230V
Output	0 - 24V
Working frequency	50 Hz
Insulation	4KVx1'

**Elpro S40**



**FADINI**  
the gate opener  
made in Italy

Drwg. No. **4775**

**TECHNICAL SPECIFICATION TABLE**

**ELECTRONIC PROGRAMMER FOR  
RETRACTABLE BOLLARDS**

