

**DIM-243** 

## **INSERTION DEVICE ENGINE**

IT PUTS INTO EFFECT THE LAUNCHING OF AN ENGINE IN DC LIMITING THE SPUNTO CORRENT.

PROTECTION FUSE VALUE: ......10A a lama per 24V ......15A a lama per 12V

TEMPERATURE FIELD:

(MINIMUM TIME CYCLES 2min)

FIXED ON A METALLIC STUCTURE: .....-40°C ÷ 85°C FIXED ON A PLASTIC STRUCTURE: ....-40°C ÷ 60°C

TERMINATIONS:

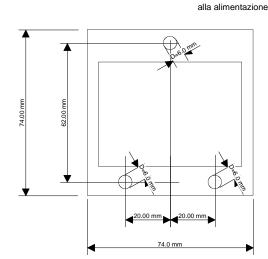
SUPPLY VOLTAGE: .. 3000mm X 2.5mmq

COMMAND: ...... 800mm X 1.0mmq + conn. DIN43650

PROTECTION LEVEL (of the device only)......IP67

tronic is completely protected by resin)

SELF-PROTECTED FROM SHORT-CIRCUIT ON THE MOTOR



al comando

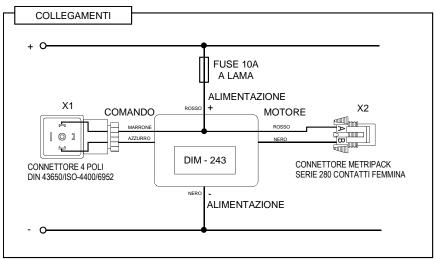
al carico

## **FUNCTIONING**

After 5 seconds by the closure of a contact connected to its entrance, marked by a green light, the device begins the insertion phase of the engine characterized by current controlled pulses of increasing duration. As a result there is a departure with a gradual increasing speed. At the beginning of the start-up phase in case of the load was short-circuited the launching would be interrupted and a red short-circuit light would be switched on.

During start-up, the average voltage on the engine permits to submit to the battery a load gradually increasing eliminating peak of overload and over voltage, which will lengthen the life of the battery, of the

electrical system and of the engine.





Unify Electronic Srl Via Ovidio, N.11-13-15/D 42124 Gaida(RE)