

DUP 30 TECHNICAL CHARACTERISTICS

Supply voltage	: 12 V D.C.
Maximum current per channel	: 15A
Temperature range	: from - 40° C to + 85° C
Grade of protection	: IP 40 (IEC 529) - DIN 40050 - EN 50529
Location	: inside cabin

IMPORTANT!

- # The device must be fitted by qualified personnel.
- # Do not exceed the indicated maximum capacity: **15 A** per channel.
- # In the case of the improper use of the product or part of the same, including tampering or the combination of the product with devices for which it was not intended, **med s.p.a.** denies all responsibility and with draws the **WARRANTY**.

MAINTENANCE

The **DUP 30** module requires **NO** maintenance.

WARRANTY

The technical guarantee is valid for one year from the date of installation, ex works, apart from parts deemed to be defective by **med**, the company having the final decision in this respect.

The cost of external labor is excluded together with any other ancillary cost.

The WARRANTY is recognized only for equipment for which the special INSTALLATION POSTCARD has been received (correctly completed).

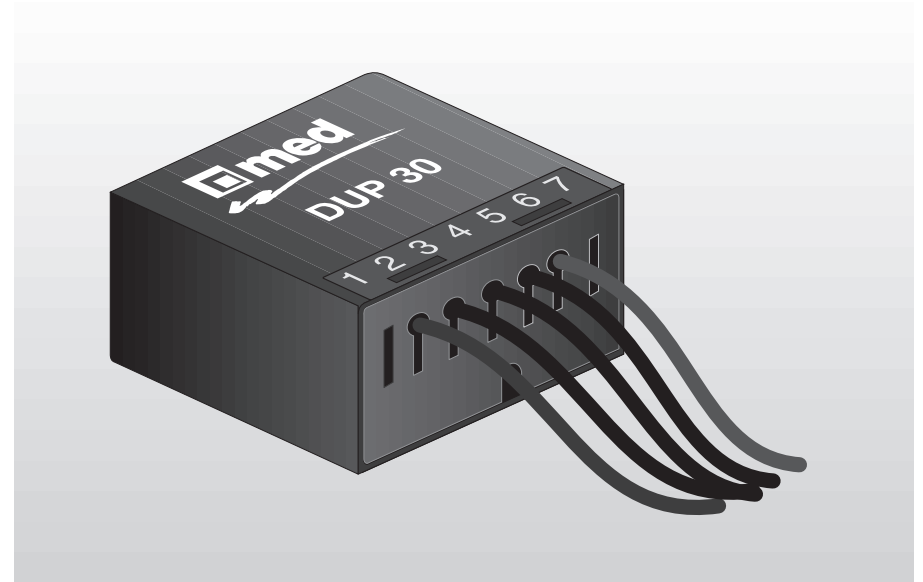
If the **INSTALLATION POSTCARD** is not included in the packing, use the one provided with the combination unit.



med s.p.a.
Via Raffaello, 33
42100 Reggio Emilia (Italy)



Cod. 082.316.268 - 04/98



DUP 30

CONTROL DUPLICATOR FOR 2 **med 30.2** - 12 V IMMOBILIZERS.

Suitable for combination with 2 **med 30.2** immobilizers for petrol vehicles with double submerged pump group and independent piloting.

List of parts in the pack:

- **DUP 30** module
- Fitting instructions
- Fitting accessories

fitting instructions



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Legend

- | | |
|----------------------------------|--|
| 1. med control unit | 7. Original fuel pump group relay (x 2) |
| 2. Self-tapping screw | 8. Positive power supply wire to fuel pump group (x 2) |
| 3. DUP 30 module | 9. Fuel pump group (x 2) |
| 4. Dark blue wire "MUX" DUP 30 | 10. med 30.2 immobilizer (x 2) |
| 5. Dark blue wire "MUX" med unit | |
| 6. Fixing tab | |

FITTING INSTRUCTIONS

1. Disconnect both the battery terminals.
2. Locate the **DUP 30** module near to the positive power supply wires **8** of the two fuel pump groups **9** at a suitable point inside the cabin, with the wires facing downwards so as to avoid the penetration of liquids or condensation.
For fixing use the fixing tab **6** and the self-tapping screw.
3. Fit both the **med 30.2** immobilizers, one for each petrol pump group, inside the petrol tank, following all the instructions provided with the engine lock **10**.
4. Cut both the positive supply wires **8** of the two petrol pump groups **9**, inserting the **DUP 30** into the circuit: figure **B**.

WARNING: Respect the polarity and the direction indicated: THE DUP 30 IS NOT REVERSIBLE.

- # The **YELLOW** wires are the input (coming from the original relay **7**): figure **A - B**.
 - # The **RED** wires are the output (going to the petrol pump group **9** via **med 30.2**).
 - # The **DUP 30** has two independent channels. Each channel has a **YELLOW** wire (input - IN) and a **RED** (output - OUT);
 - The first channel uses the right hand wires on the module;
 - The second channel uses the left hand wires on the module: figure **A**.
5. Connect the **DARK BLUE** wire market "**MUX**" of the **med** control unit **1** to the central **DARK BLUE** wire of the **DUP 30**.

