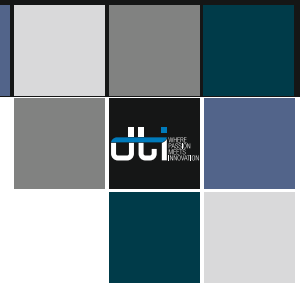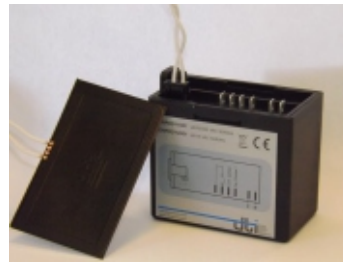**DRFD products are the innovative decounter systems of DTI. They are suitable for single and double serve systems. These are a straightforward and safety way in order to ensure your sales.**

FUNCTIONS

GENERAL

The product give the possibility of erogation only if there are credits in the machine. This function notices the presence of a tag in the surroundings of the machine and reads the tag's code. In other words, when approaching a tag to the machine, the DTI system is able to recognize the code and to activate the machine for the established and setted doses.

CARDS READING

The absence of contact between the antenna and the tag and the straightforwardness of utilization are indeed the main advantage of this DTI's product. The tag reading is without contact, so it avoids holes on the coffee machines and external devices. It is also very easy to install. The antenna is flexible and slim, these allow an easy installation. There are audible signal and leds that help final users in the managment of the cards.

THE CARDS

Thanks to a portable device and a software PC (DRFID) of DTI, it is possible set up and read cards. There are two different types of card:
-         credit cards, these have the function of manage credits and enable the erogation. They are usualy used by the final user.
-         setting cards, they have the function of manage the machine with several configurable settings. They are always used by the maintainers.

CEADIT CARDS

CREDIT TRANSFER CARD: This card allows to transfer for a selected number of times ("repetitions") a certain quantity of credits. The number of the credits transferred is the one inserted during the programming of the card ("number of credits"). The credit transferred is added to the existing ones already on the machine.
SINGLE CREDIT DEDUCTION CARD: This card allows to deduct one credit at the time on the machine. If you program a card for 20 credits, you can deduct for 20 times one credit. Also in this case the credit is added to the existing ones already on the machine.
FIXED CREDIT NON ADDITIONAL CARD: This card allows to deduct without limits the credits and overwrites the existing credits on the machine
FIXED CREDIT ADDITIONAL CARD: This card allows to deduct without limits the credits but conversely to the previous card, here credits are added to the existing credits on the machine.

SETTING CARDS

CARD READING CREDITS AND DOSES: This card allows to read the remaining credits in the machine and the total number of doses made by the machine
CREDIT RESET CARD: This card allows to reset the credits on the machine. Once the card is approached to the machine, the machine will have 0 credits left.
MACHINE SETTING CARD: This card allows to set in a new machine the secret code, the desired reserve credit and the minimum time for dosage after which the credit is deducted
TRASNFERRING SETTINGS CARD: This card allows to transfer from a machine to another the following functions: residual credits, secret code, reserve and minimum time form dosage.

TECHNICAL FEATURES

	DETAILs
	230 Vac ± 10% 50/60 Hz
	1 input, 230 Vac ± 10% 50/60 Hz
	1 Principal single output - 7A / 250 VAC Resistive
	Low voltage inputs 0-5V
	2 Led output
	73,5 mm x 45,4 mm x 75 mm
	0 … +50°C with relative ambient humidity: 30 … 85 % (no condensing)
	PVC V0
	male faston connector 6,3
	Panel fixing with a maximum diameter Ø 3,8mm

CONFIGURATIONS

DRFD **D** **1** **1** **0** **0** **0**

MOUNTING
G - panel mounting through PCB holes
D - DTI Box 73,5x45,4x75 mm

INPUTS CONFIGURATION
0= 230 Vac input
1= low voltage input
2= push-button inputs and flow sensor

TYPES OF OUTPUT
1= 1 Principal relay 7 A 250 Vac Resistive
2= 1 Principal relay 16 A 250 Vac Resistive + 1 Secondary relay
5A 250 Vac Resistive

TYPE OF POWER SUPPLY
1= 230 Vac 50/60Hz
2= 115 Vac 50/60Hz