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# Composants Electromécaniques

**Subsets of mechanical automatism:** We have selected specific functions of HF welding machines:

**Electromechanical timers:** They are supplied with connectors and fixing clip.  
 To get a DPDT output, you have to use the electromechanical timers filed below.

References	Dimensions	Supply 50Hz	Prices €uros
67990-Tempo-48-24-1RT	48*48	24	145.00
67990-Tempo-48-110-1RT	48*48	110	145.00
67990-Tempo-48-230-1RT	48*48	230	145.00
67990-Tempo-96-24-1RT	96*96	24	357.00
67990-Tempo-96-230-1RT	96*96	230	357.00
67990-Temp Q-48-24-2RT	48*48	24	190.00
67990-Temp Q-48-230-2RT	48*48	100..230	190.00



**Limit current relay = Anode Overcurrent Limit:** Intensity range on request; Mainly 1 up to 4 A.  
 Electronic version is supplied with its resistor sensor and memory.

Ref: **67990-Disrupt Anode mechanic** Price: 503.00 €uros  
 Ref: **67990-Disrupt Anode electronic** Price: 352.00 €uros

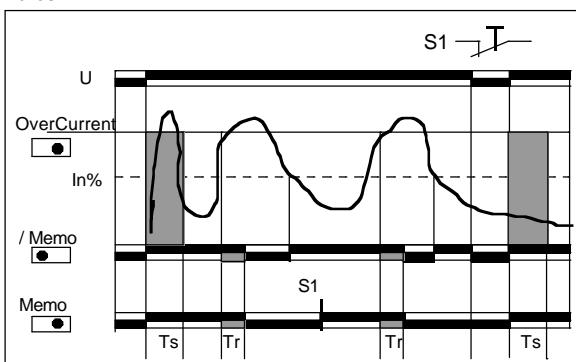
**Electronic Anode Current Disrupter :**

It is drawn with filters in order to bear HF perturbations.  
 It is supplied with all modern functions:

- \* Sensitivity: 1mA ..10A with insulating shunt
- \* Alternative or Direct Current
- \* Disrupting with Memory & Timing Reset
- \* Safety (Relay: NO ou NF)
- \* Limit I et %I - Timing Start - Peak Clipping
- \* 2\* Outputs 1RT

**Diagramme de fonctionnement**

S1 = Reset <0,1 sec  
 U = Supply  
 R = Relay  
 Ts = Timing Start: 0..10 sec  
 Tr = Timing Peak Clipping: 0..5 sec



**Ammeters:** They are supplied with the graduation adapted to the machine.

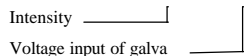
Reference	Current Acc	Dimensions W H	Technology	Unit Price €uros
67990-Ammet-0.5A	0,5	55 * 44	Ferro-Mag	75.00
67990-Ammet-1A	1,0	55 * 44	Ferro-Mag	75.00
67990-Ammet-3A	3,0	55 * 44	Ferro-Mag	75.00
67990-Ammet-6A	6,0	55 * 44	Ferro-Mag	75.00
67990-Ammet-10A	10,0	55 * 44	Ferro-Mag	75.00
67990-Ammet-15A	15,0	55 * 44	Ferro-Mag	75.00
67990-Ammet-100mV	Shunt	60 * 47	Magnet	152.00



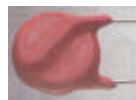
Some galvanometers have recourse to an external shunt.  
 They are supplied with insulating fixing devices.

Reference: **67990-Shunt-10A / 100mv**

Price: 149,00 €uros



**EMC Filter Components:** For protection of all electromechanical components : Light - Fans - Timer - Relay - Automaton .....



Ceramic capacitor 10nF - 3000v - 1A  
 Reference: 67990-C-10nF-3kV  
 Unit Price: 7,00 €uros

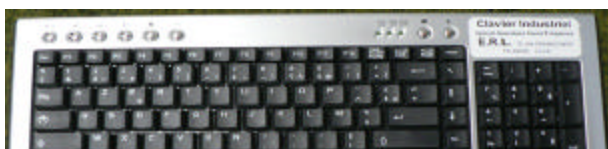
Ferrit in two parts to plant on existing cables.  
 Reference: 67990-Ferrit D5  
 Reference: 67990-Ferrit D8  
 Unit Price: 5.50 €uros



**EMC Filter Supply:** This Filter has been designed to suppress HF Perturbations on electrical Supply and to protect Computers in the Factory.  
 Voltage: 400Vac - 1 ou 3 Phases



References	Sizes X * Y * Z	Current 50Hz	Prices €uros
67990-Filtre 1ph 3kVA	110 * 130 * 50	17	210.00
67990-Filtre 3ph 20kVA	155 * 170 * 120	35	419.00
67990-Filtre 3ph 40kVA	100 * 200 * 350	70	610.00



**Industrial Keyboard :** drawn to save your computer near RF Welding Machines. You can work just near electrode or cavity even settings are wrong and radiations maximum.