

**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
67990-Tempo-48-24-1RT	48*48	24
67990-Tempo-48-110-1RT	48*48	110
67990-Tempo-48-230-1RT	48*48	230
67990-Tempo-96-24-1RT	96*96	24
67990-Tempo-96-230-1RT	96*96	230
67990-Temp Q-48-24-2RT	48*48	24
67990-Temp Q-48-230-2RT	48*48	100..230



**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 Euros

Ref: **67990-Disrupt Anode electronic** Price: 352.00 Euros

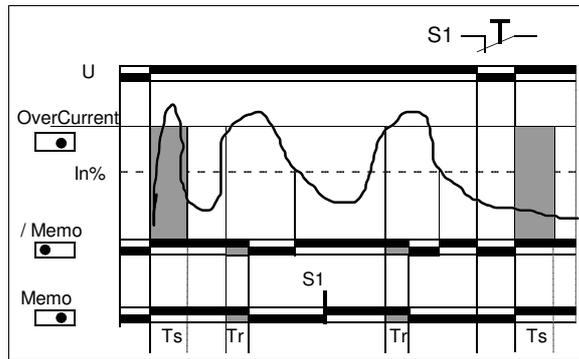
**Electronic Anode Current Disrupter :**

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

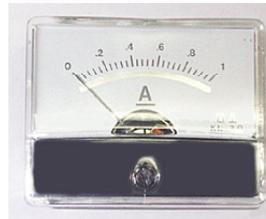
**Diagramme de fonctionnement**

- 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
67990-Ammet-0,5A	0,5	55 * 44	Ferro-Mag
67990-Ammet-1A	1,0	55 * 44	Ferro-Mag
67990-Ammet-3A	3,0	55 * 44	Ferro-Mag
67990-Ammet-6A	6,0	55 * 44	Ferro-Mag
67990-Ammet-10A	10,0	55 * 44	Ferro-Mag
67990-Ammet-15A	15,0	55 * 44	Ferro-Mag
67990-Ammet-100mV	Shunt	60 * 47	Magnet



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

Ref: **67990-Shunt-10A / 100mV** Price: 149,00 Euros

Intensity \_\_\_\_\_  
Voltage input of galva \_\_\_\_\_



**Foot switch:** They are used for controlling the moving down of press for tarpaulins welding machines. It is supplied with specific connexion an automaton Input.



Ref: **67990-Foot switch**  
Price: 360,00 Euros

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



Ceramic capacitor 10nF - 3000v - 1A  
Reference: 67990-C-10nF-3kV

Ferrit in two parts to plant on existing cables.  
Reference: 67990-Ferrit D5  
Reference: 67990-Ferrit D8



**EMC Filter Supply:** This Filters has been designed to suppress HF Perturbations on electrical Supply and t protect Computers in the Factory.  
\* Voltage: 400Vac - 1 ou 3 Phases  
\* 100VA for accessories: laser, automaton, antilflash, light, servomotor..  
\* 3kVA up to 40kVA for machines



References	Sizes X * Y * Z	Current 50Hz
67990-Filtre 1ph 100VA	56 * 31 * 24	1
67990-Filtre 1ph 3kVA	110 * 130 * 50	17
67990-Filtre 3ph 20kVA	155 * 170 * 120	35
67990-Filtre 3ph 40kVA	100 * 200 * 350	70



**Industrial Keyboard :** drawn for Proofness against High Frequency Perturbations.  
You can work just near electrode or cavity even radiations are maximum.

Reference: 67990-HF Keyboard

Unit Price: 197,00 Euros