

# We repair, maintain, and improve electron accelerators

This **NEW SCR fault board** constitutes a step forward  
in the advanced monitoring of your accelerator :  
improves **troubleshooting** and drastically **reduces** downtime

This **fully compatible** new SCR fault board can be wired  
in two different configurations. Every contact of the  
SCR latch (DOM, scan, etc..) :

remains wired in series as the original configuration

OR

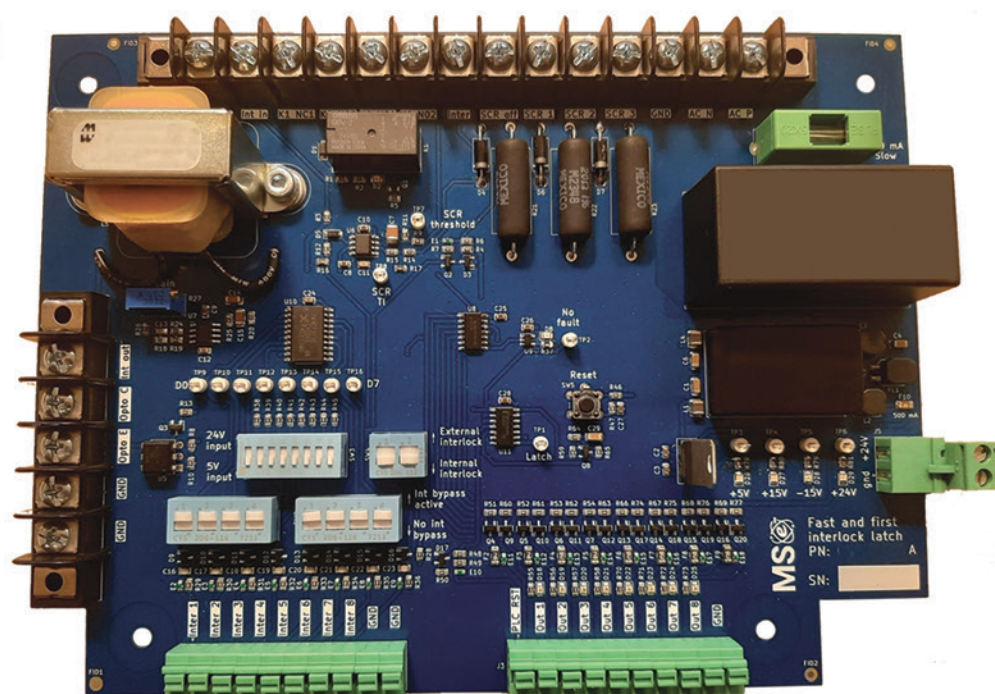
is rewired in parallel on 8 dedicated inputs

## Features

- 100% drop in equivalent
- All existing functions are integrated
- Faster response time -> less than 500ns
- Fault status with LED's & testing points
- Up to 8 selectable inputs, wired in 5VDC or 24VDC
- 8 dedicated outputs for status monitoring (PLC or other)
- 3 different possibilities to RESET the board

## Advantages

- Interchangeability : Fully electrically & mechanically compatible. 100% drop in equivalent
- Troubleshooting : Reduce investigation time by giving the exact triggering fault
- Obsolescence : Up to date electronical components
- Power Supply : 110 to 240VAC or 24VDC

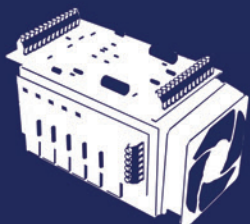


## SERVICES

- Maintenance of your accelerator
- Engineering projects (R&D)
- Audit and expertise
- Feasibility & Market study
- Radiation simulations (Monte Carlo)
- Dosimetry
- Installation
- Moving & Dismantling
- Upgrades & Repair
- Software development
- Process optimisation
- Hotline 24/7
- Technical support
- Spare parts
- On-site training

## SPARE PARTS

MSE supplies components and parts for accelerators, including hardly accessible or **obsolete** items



### SCAN AMPLIFIERS

NEW design: powerfull, reliable,  
fully compatible with old model



### OSCILLATOR TUBES

Triodes 75kW, 150kW,  
225kW and 375kW  
-> 150 KW old model is available



### HVD, BTD resistor strings

Both carbon and ceramic resistor  
strings are availbale



### RECTIFIER STACKS

Withstand 50k VDC  
reverse voltage

And more upon request