



ENERGY INDUSTRY  
High Reliability and Safety Relays

## FIRST- SwitchTECH

is a worldwide manufacturer of hermetically sealed relays for harsh environments.



[www.first-switchtech.com](http://www.first-switchtech.com)



## About FIRST

With production facilities based in **FRANCE** (Paris, Orleans), **UNITED STATES** (New York) and **INDIA** (Bangalore) and a worldwide presence, either through direct sales, local agents or distributors, the Company is able to **support its customers all over the world.**

FIRST-SwitchTECH was created via the merger of three well-known companies, each created more than 60 years ago; STPI, DRI and REL, and is proud to have been working with all the key players in the **Aeronautic, Defense, Railway and Space markets.**

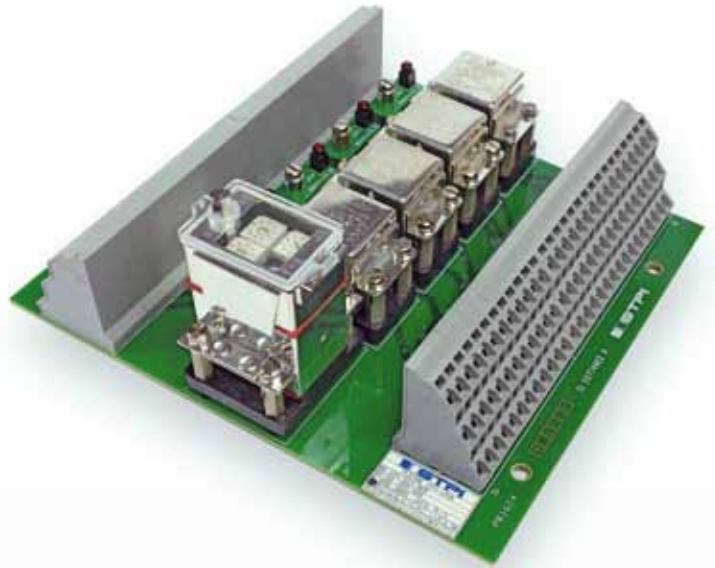
Founded with a historical expertise in the design & manufacture of electro-mechanical relays for extreme environments, FIRST-SwitchTECH has since expanded its product range to include time-delay relays, electronic relays, relay cards, and various electronic systems.

FIRST-SwitchTECH is a privately-held company with dedicated shareholders committed to long-term development. Accordingly, our Company encourages the development of lasting relationships with its customers, suppliers and employees in order to achieve reasonable, regular and sustainable growth.

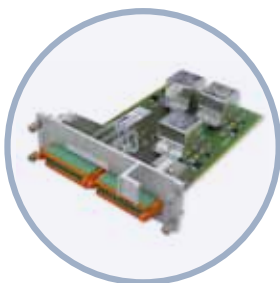
**FIRST-SwitchTECH** strives to continue to provide innovative solutions to its customers' needs within a global and changing technological environment.

# Electrical Distribution

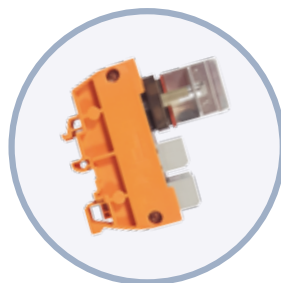
A strong technical engineering group and a complete understanding of the nuclear and energy market has allowed FIRST to become a leading resource for new programs and adaptations to old systems. FIRST can develop & manufacture wiring panels, PCB panels, racks assemblies and systems adapted to your requirements.



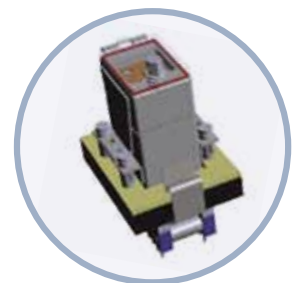
Custom design, Industrialization & manufacturing



Relay Panel - PC Board








Replacement of old Relay version ; pin to pin solutions





# Most common relays used in Industrial Applications

Our Relays refer to customer's specific requests, and to the relevant application standard specifications, such as ESA/ESCC, MIL, NASA, JAXA... and EDF certified.







TYPES	DESIGN	CONTACTS or FUNCTION	SERIE	CHARACTERISTICS	DETAILS & OPTIONS
Latching or Non Latching		2 PDT/2 AMPS	<b>310B &amp; 310</b>	6 to 72 Vdc	Sockets: Consult factory
Latching or Non Latching		4 PDT/2 AMPS	<b>320B &amp; 320</b>	6 to 72 Vdc	Sockets: Consult factory
Latching or Non Latching		4 PDT/10 AMPS	<b>ETPL4 &amp; 326</b> RCC-E K3*	24, 48, 125 Vdc	Sockets: Faston, Solder, Crimp or Din rail type
Latching or Non Latching		6 PDT/10 AMPS	<b>ETPL6 &amp; 336</b> RCC-E K3*	24, 48, 125 Vdc	Sockets: Faston, Solder or Crimp
Timer		Time Delay on Operate or Release	<b>MT336</b> RCC-E K3*	1s to 100 hours	Sockets: Faston, Solder, Crimp or Din rail type

Others performances on demand: Low consumption / Electromagnetic Compatibility CEM / Radiation / High Temperature 200°C.

## Replacement of old Relay version

Adaptater Latching or Non Latching		4 PDT/10 AMPS	<b>ETPL4 &amp; 326</b> RCC-E K3*	24, 48, 125 Vdc	Adaptable on old socket Fit, Form & Function
Adaptater Timer		Time Delay on Operate or Release	<b>MT336</b> RCC-E K3*	1s to 100 hours	Adaptable on old socket Fit, Form & Function

## Many adaptable bases

Faston Socket		4 PDT/10 AMPS	<b>S326 F</b> RCC-E K3*	24, 48, 125 Vdc	Suppressor, double contact per coil terminal
Faston Socket		6 PDT/10 AMPS or TIMER	<b>S336 F</b> RCC-E K3*	24, 48, 125 Vdc	Suppressor, double contact per coil terminal
Crimp Socket		4 PDT/10 AMPS	<b>S326 E</b> RCC-E K3*	24, 48, 125 Vdc	Crimp contact 16-20 or 20-24 AWG, Tools
Crimp Socket		6 PDT/10 AMPS or TIMER	<b>S336 E</b> RCC-E K3*	24, 48, 125 Vdc	Crimp contact 16-20 or 20-24 AWG, Tools
Din rail Socket		4 PDT/10 AMPS	<b>5577</b> RCC-E K3*	24, 48, 125 Vdc	Double wiring connection, Suppressor
Din rail Socket		TIMER + 4 PDT/10 AMPS	<b>5577</b> RCC-E K3*	24, 48, 125 Vdc	Double wiring connection, Suppressor

(\*) RCC-E K3

Products certified according to RCC-E regulations rule of design and construction of electrical equipment for nuclear island. Products required to perform their function under normal conditions and earthquakes.

# A state of the art factory dedicated to Chemical, Gas and Nuclear Industry



## The Factory

**FIRST Energy Activities** in a State of the Art factory equipped with high precision assembly operations, clean room facilities and a full range of testing capabilities. Several decades of know-how are perpetuated through an experienced management team and the continuous development of a highly skilled workforce.

FIRST aims for constant customer satisfaction and high reliability product for all missions by commitment to High Quality Standards: ISO 9001, ESA, CNES, CECC, MIL, AQAP2110, EN/AS/JISQ 9100. **Our relays are all subjected to stringent testing**, conducted on specialized equipment that has been specifically designed to optimize the time - and the costs - necessary to perform these controls. This helps us offer competitive pricing to our customers.

FIRST is present in the **Energy industry since many years**, and is specifically dedicated to supplying safety & high-reliability electromechanical relays, PC boards & Relays panels, sub assembly according to NF-F-62002 & RCC-E.

FIRST with its own design-offices, proposes **innovative solutions with large range of temperature, low consumption, electronic devices and safety equipment's** according to customer specifications. The qualification to the highest standards and the involvement in the major Energy programs show the trust of the Energy Experts Community in our products and in our capacity to develop, manufacture, and deliver high reliability solutions.





**FIRST**  
S W I T C H T E C H

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