

WE ARE **ELECTRICAL CONTROL & PROTECTION**

READY FOR
HIGH-VOLTAGE DC?



World's Widest Offer of Circuit Breakers & Hermetically Sealed Relays

Specialist in Electrical Control & Protection Devices

Our products are involved in advanced electrical equipment on board aircraft, helicopters, military land vehicles and space applications. We are a top supplier in the aerospace industry based on our expertise in innovative technologies and our compliance with industry standards.

60+ years' experience

2M+ products shipped each year

40+ Active Programs

CIRCUIT BREAKERS

YOU NEED IT? WE HAVE IT!

Crouzet proudly offers the World's **Widest Range of Circuit Breakers** in compliance with the top aerospace market standards. We manufacture more than **1 million parts per year**.

Electromechanical

1M+
Parts per year



- › **Compliant with the most demanding Standards:**
MIL (MS, AS), ASD-STAN (EN), DIN-Bundeswehr or BACC
- › Rating from 0,5 to 60 Amps
- › Several terminal configurations (EN, MIL, Faston...)
- › Both push/pull and push/push versions
- › High-vibration level option

Remote Control (RCCB)

**CIRCUIT
BREAKER**



CONTACTOR

A circuit breaker + a contactor in one single case

It allows you to open and close the contactor at a distance just by applying a 28V command input.

- › Can commute at least 100,000 times!
- › Rating from 35 to 60 Amps

Smart



Arc Fault and Ground Fault protection

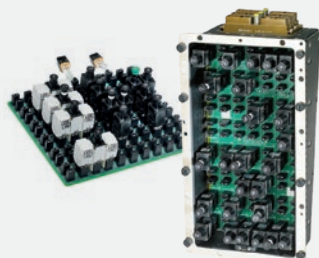
Avoid drilling into the fuel tank by drastically reducing the amount of energy released by a fault as requested by AC25981

- › Rating from 3 to 25 Amps

POWER DISTRIBUTION BOX

20+ Years Designing & Manufacturing Distribution Boxes

For your most
specific applications



- › Tested for harsh environments
- › Illuminated and non-illuminated versions
- › Push/pull and push/push versions
- › Wired and PCB Faston versions

SSPC

Solid State Power Controllers

For 28 VDC or
115 VAC applications



Powered by a microcontroller, a switch & a data bus, Crouzet SSPCs provide thermal protection and a number of electrical functions such as relay, graduator, chopper, ground fault, soft start and current measurement.

HERMETICALLY SEALED RELAYS



THE HIGHEST STANDARDS FOR DEMANDING APPLICATIONS

Designed to meet the high demands of the aerospace & defense industry, our hermetically sealed relays provide the ultimate protection against harsh environmental conditions.

Relays

- › Electromechanical switching
- › Hermetically sealed
- › Latching and non-latching
- › Electrical isolation
- › Insulation resistance
- › From 1 to 3 & 10 to 75A
- › From 1 to 6 poles



Timers

- › Time Delay Relay
- › Solid state timers
- › Flashers
- › Cadencers
- › Retriggerable delay



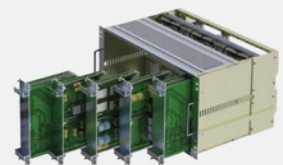
Sockets

- › Relay base
- › PCB mountable
- › Panel mountable
- › Keying options



Relay Cards & Systems

- › Relays panels (wiring system, PCB)
- › Relay cards (PCB)
- › Relays sub-assemblies
- › Integrated architecture to optimize electrical power performance



WE ARE PROUD TO HOLD SEVERAL KEY CERTIFICATIONS

FOR OUR HERMETICALLY SEALED RELAYS:

AEROSPACE:

- › D0254 DAL B, D0178, Safety cards DAL B / SIL 2
- › ISO 9001, AS 9100
- › In accordance to M83536/ M6106/ M5757

SPACE: ESA, SCC

60+ Years of Aerospace Qualification Expertise

**DESIGN & ADAPTATION
AGILITY AT YOUR SERVICE**



Long-term
Partnership
Commitment



Multidisciplinary
Team Dedicated
to your program



Safety-of-Flight
Prototypes
Fast Delivery (1-2 years)



Global
Manufacturing
High-Quality & Efficient

Let us know more about your
upcoming projects at:

www.crouzet.com/contact-us

