

# WE ARE **INDUSTRIAL CONTROLS, MOTION & SENSING**



## Discover our product lines for industrial applications

**Electrical Control & Protection:** Automation Controllers & Software, HMIs, Solid State Relays, Time-Delay Relays, Monitoring Relays, Pneumatics and more.

**Motion Control & Sensing:** DC Brush & Brushless Motors, Microswitches, Limit Switches, Force Sensors, and more.

**100+ years' experience**  
in the industrial market

**1500+ standard products**

**Ideal for** Building, Energy,  
Medical & Machinery Markets

# ABOUT CROUZET

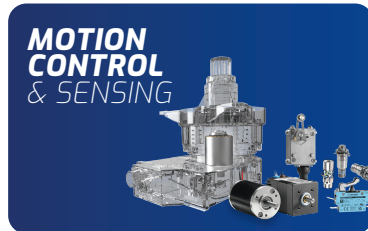
100+ YEARS MANUFACTURING THE FUTURE *Together*

We design and manufacture **Mechatronic Products** to turn engineering ideas into real world applications

## OUR MARKETS



## OUR PRODUCTS



## OUR SERVICES

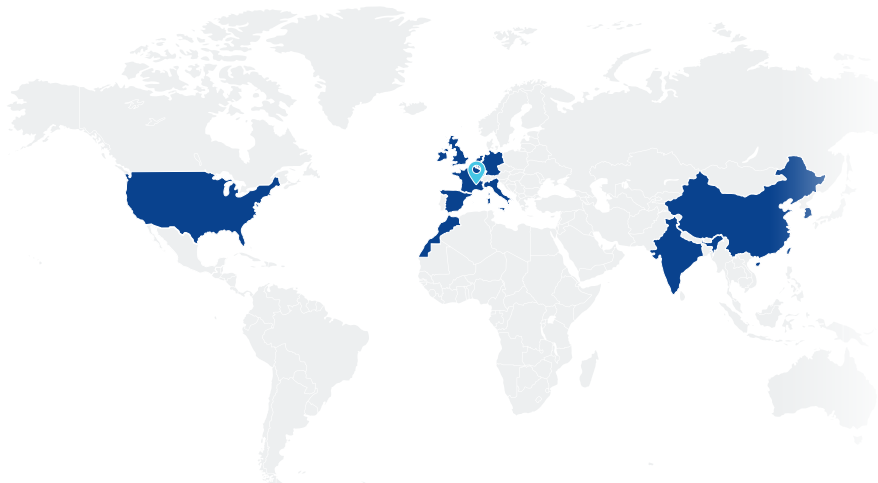
MRO

SPARES

INSTRUMENTATION

## WE ARE GLOBAL

**2000+ collaborators,**  
10 Manufacturing Plants,  
9 Sales Offices & 4 R&D Labs



📍 HEADQUARTERS ■ SALES OFFICES



VALENCE, **FRANCE**



VALENCE NORD, **FRANCE**



PARIS, **FRANCE**



NANTES, **FRANCE**



ORLEANS, **FRANCE**



VOUVRY, **SWITZERLAND**



CASABLANCA 1, **MOROCCO**



CASABLANCA 2, **MOROCCO**



HUIZHOU, **CHINA**



BANGALORE, **INDIA**



# 100+ YEARS OF ENGINEERING EXPERTISE AT YOUR SERVICE

4 R&D LABS & 100+ ENGINEERS / TECHNICIANS



**From simple adaptations  
to custom designs.**

When your application requires more than standard products, our **DesignLAB** team, with 100+ experts in **electromechanics, electronics & software**, is ready to partner with you in the development of the best customized solution dedicated to your project.

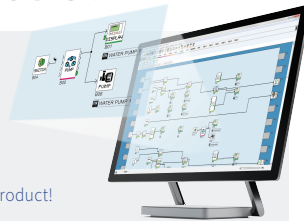
# ELECTRICAL CONTROL & PROTECTION

## AUTOMATION SOFTWARE

### CROUZET SOFT: The Easiest-To-Use Automation Software Ever!

No code needed, just drag & drop the 130+ pre-programmed function blocks into your canvas, double-click them to define your parameters and wire them virtually. The pre-programmed application blocks include pump management, flow control, solar tracking, pool filtration and many more.

Experience the power of automation NOW. Download and test our software even before having the product!



MAKE IT  
YOURS

WITH

DESIGN LAB

## LOGIC CONTROLLERS

### MILLENIUM CONTROLLERS



Slim

**Millenium 12 I/Os**  
+ Expansions (Up to 60 I/Os)

**Millenium 26 I/Os**  
(Up to 72 I/Os)

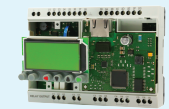
### ADVANCED CONTROLLERS



Communicating  
Logic Controller

Telecontroller 4G

Nano-PLC



DESIGN LAB

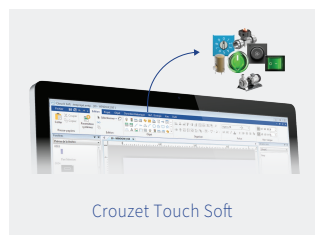
## HMI

### DISPLAYS



4.3", 7" & 10"

### SOFTWARE



Crouzet Touch Soft

## POWER SUPPLIES

### INDUSTRIAL MODULAR



60W to 480W



10W to 100W

## SENSORS

### & CONVERTERS



Temperature & Signal

## PNEUMATIC CONTROL COMPONENTS

### 60+ YEARS OF ROBUSTNESS & RELIABILITY



Switches & Sensors

Logic Control

Solenoid Valves

Pneumatic Indicators

Circuit Boards & Components

## TIME DELAY RELAYS

### DIN-RAIL & PLUG-IN

<b>DIGITAL</b>		<b>ANALOG</b>					
	Universal Digital Timer		High-Power 16A	Double-Output 2x8A	Single-Function	Multi-Function	Plug-in 8-Pin & 11-Pin

### PANEL MOUNT

<b>DIGITAL</b>		<b>ANALOG</b>		
	Performance & Essential		Standard	Encapsulated

## MONITORING RELAYS

### APPLICATION MONITORING

						
Three-Phase	Voltage	Current	Liquid Level	Speed	Frequency	Alternating

## SOLID STATE RELAYS

### AC SINGLE-PHASE

		
Single-Channel	Multi-Channel	Load Diagnostics

### AC 3-PHASE


Contactor / Reverser

### DC OUTPUT





DC Loads

## COUNTERS

### ELECTRONIC

			
Hour Counters	Impulse Counters	Preset Chronometers	Multifunction Counters X3

### ELECTROMECHANICAL

		
Hour Counters	Impulse Counters	Impulse Counters with Reset



# MOTION CONTROL & SENSING

## DC MOTORS

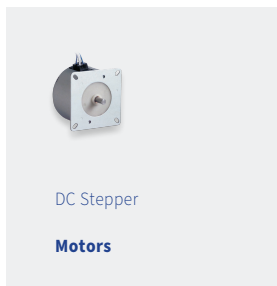
### DC BRUSHLESS MOTORS



### DC BRUSH MOTORS



### DC STEPPERS



### AC SYNCHRONOUS



### GEARBOXES, ENCODERS & BRAKES

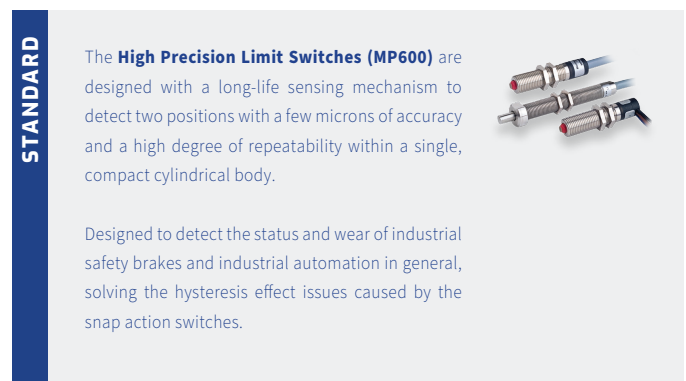


## LIMIT SWITCHES

### CLASSIC



### HIGH PRECISION



### HARSH ENVIRONMENT







### DOOR & SEAT






## MICROSWITCHES

### CLASSIC

STANDARD				
				
Positive Break Separated Circuits	Low Differential Travel	Sealed Double Break (Low DT)	Robust (Low DT)	

SPECIAL			
			
Double Break	High DC Rating	Sealed Flat Rubber Pack	

### MINIATURE

STANDARD					
					
Standard V3	Essential	Sealed	Sealed (Low DT)	Essential Sealed	

SPECIAL					
					
Heavy-Duty	Positive Break	High DC Rating	Double Break Sealed	High-Accuracy Rotary Lever	

### SUB-MINIATURE

STANDARD					SPECIAL		
							
Standard V4	Essential	Sealed	Sealed (Low DT)	Double Break	Hermetic INOX		

### SUB-SUB-MINIATURE

STANDARD				
				
Standard V5D	Sealed	High-Accuracy	Cylindrical Adjustable	

## FORCE SENSORS


### FORCE SENSORS

		
Load Pins	Compression Load Cells	Bending Sensors

	
Multiaxis Sensors	Traction / Compression Load Cells

### TORQUE SENSORS

	Our Torque Transducers will reliably measure and monitor the torque being transmitted between two elements in a wide range of environments.
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### EXTENSOMETERS

	Our Displacement Transducers will reliably measure the physical deformation of the structure they are attached to and can be adapted for several environments.
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## GET IN TOUCH!

We specialize in custom Force Sensors tailored to meet unique requirements. While these products are not part of our standard distribution, we are excited to offer our expertise to support your needs. If you encounter customers who require these unique solutions, **please reach out to your usual representative for more information.**

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**GLOBAL CROUZET  
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**TECHNICAL  
DOCUMENTATION  
DATABASE:**



### Warning:

The product information contained in this brochure is given purely as information and does not constitute a representation, warranty or any form of contractual commitment. Crouzet and its subsidiaries reserve the right to modify their products without notice. It is imperative that we should be consulted over any particular use or application of our products and it is the responsibility of the buyer to establish, particularly through all the appropriate tests, that the product is suitable for the use or application. Under no circumstances will our warranty apply, nor shall we be held responsible for any application (such as any modification, addition, deletion, use in conjunction with other electrical or electronic components, circuits or assemblies, or any other unsuitable material or substance) which has not been expressly agreed by us prior to the sale of our products.

**WWW.CROUZET.COM**