

Who is Crouzet ?

Founded in 1921, Crouzet has earned a respected reputation for providing snap-action technology solutions to a wide range of industries. Its extensive product range includes high performance micro, limit, trim and proximity switches for precision switching and detection. To ensure optimum quality, all components are manufactured at facilities in compliance with EN 9100, ISO 9001, ISO 14001, ISO/TS 16949 and ISO 17925 standards. Crouzet is committed to supporting a greener environment by utilizing materials and processes that are environmentally friendly.

Crouzet is a Custom Sensors & Technologies (CST) brand.

Markets

Crouzet has worked for decades with customers who design products for highly technical applications that demand superior quality, reliability and meet national and international regulatory standards. Crouzet's switches and sensors are utilized in a wide spectrum of applications including:

- Valves and actuators
- Nuclear
- Electrical switchgears
- Railway
- Specialty vehicles
- Aerospace and defense



The Switches team worldwide



Microswitches and Limit Switches

	Microswitches													Limit Switches											
	Miniature			Subminiature				Sub-Subminiature						Heavy Duty			Miniature								
Series	PBX 83240	83139	83123	V3S 83169	83154	83106	V3 83160/260 83161/261	V4S 83180	83133	V4 83170/270	V5S 83200	83141	83229	83151	83840	SP4522	SP 3941	83870 83880	83589	83800	83731	SP4863	SP4813	SP4816	
Premium features																									
Max Rating @ 250 Vac (A)	10A	6A	5A	8A	5A	5A	25A	10A	5A	12A	2A	1A	5A	1A	10A	1A	1A	6A	8A	5A	5A	1A	1A	1A	
Low Level version	I(mA)	I(mA)	I(mA)	I(mA)		I(mA)	I(mA)	I(mA)	I(mA)	I(mA)	I(mA)	I(mA)	I(mA)	I(mA)		I(mA)	I(mA)	I(mA)	I(mA)	I(mA)		I(mA)	I(mA)	I(mA)	
Sealing level	IP67	IP67	IP66 IP69K	IP67 IP69K				IP67 IP69K			IP67 IP69K			Gas tight	IP66	Gas tight	IP67	IP67 IP69K	IP67 IP69K	IP65	IP66 IP69K	Gas tight	Gas tight	Gas tight	
Double break	Zb*	Za*			Za*	Za*			Za*						Za*			Zb*		Za*					
Bi-stable																									
High temperature (> 125°C)							200°C			150°C				150°C		250°C	250°C						250°C	250°C	
Low temperature (< -40°C)	-50°C													-55°C	-55°C	-55°C							-55°C	-55°C	
Direct Opening Action	↔							↔							↔										
High DC breaking / Magnetic Blowout																									
Explosion-proof																									
Nuclear certified																									
High Pressure Environment. Up to 6 bar																									
Approvals	CCC, UL, RU	CCC	CCC	Contact us	RU	Contact us	RU	RU	RU	RU	RU	RU	RU	RU	Contact us			UL	Contact us	UL	Contact us				

Za* : Double gap changeover contact element with 4 terminals. The contacts have the same polarity.

Zb* : Double gap changeover contact element with 4 terminals. The two moving contacts are electrically separated.

Proximity Sensors

Crouzet provides a complete range of Proximity Sensors with standard industrial features to high level performance features:

- 2 or 3 wire configuration
- 2 parts sensors integration with remote electronics
- MTBF: 300,000 hours in operation
- Temperature range: -65°C/+125°C
- Watertight or hermetic versions
- High pressure operation



Trim Switches

Crouzet offers Trim Switches with different button shapes, a variety of electrical configurations, and optional waterproofing. These products are certified for aerospace and military applications.

- General features:
- 2 Amp rating
 - Unipolar or bipolar
 - 2, 4, or 5 way
 - Single or separate common
 - Temperature range: -55°C to +85°C
 - Waterproof option

