

Presentation of the offer

Micro-control offer



Taking a specialist approach to offer complete solutions, Crouzet harnesses electronic and electromechanical technologies to meet all your time management, management of physical and electrical values and counting requirements. The entire range is sold through a global distribution network working hand in hand with local sales forces dedicated to Micro-control applications.

■ Global distribution network

Product	Technology	Functions					
		Sensing	Operator dialogue	Processing	Actuating	Communicating	Supplying power
	Electronic	Electromechanical					
	Range	Range					
Logic controller P. 6-11	<ul style="list-style-type: none"> ■ Millenium 3 "compact" version ■ Millenium 3 "expandable" version ■ Millenium 3 digital or analogue extensions ■ Millenium 3 "application-specific" extensions ■ Accessories (faceplates, converters, display units, etc.) 	-	■	■	■	■	■
	■ Millenium 3 network communication extensions	-				■	
	■ Millenium 3 modem communication interface	-				■	
Serveur Web for supervision P. 11	■ Millenium Web Server	-		■	■	■	
Regulated switch mode power supply P. 12-13	<ul style="list-style-type: none"> ■ Modular power supply ■ Equipment power supply for integrated control system ■ DC/DC converter 	-					■
Control relay P. 14-19	<ul style="list-style-type: none"> ■ C-Lynx ■ E, L & F series ■ Defrost relay 	-	■		■	■	
Timer P. 20-31	<ul style="list-style-type: none"> ■ Chronos ■ RTM miniature ■ S serie 	■ TOP 2000	■	■	■	■	
	<ul style="list-style-type: none"> ■ TMR 48 (Analogue) ■ MBA (Analogue) ■ TIMER 8xx (Digital) 	<ul style="list-style-type: none"> ■ TOP 2000 ■ Manual reset 	■	■	■	■	
Counter / Ratemeter P. 32-35	<ul style="list-style-type: none"> ■ CPT4 (with preselection) ■ CP2 (without preselection) 	<ul style="list-style-type: none"> ■ CH48G ■ 36 x 37 mm ■ 36 x 48 mm 	■	■	■	■	
Temperature controller P. 36-37	<ul style="list-style-type: none"> ■ CT48A (Analogue) ■ CTD24 (Digital) ■ MIC48 (Digital) ■ CTD43 (Digital) ■ CTD46 (Digital) ■ CTH46 (Digital) ■ Pt100 & Thermocouple probes 	-	■	■	■	■	
Safety relay P. 38-39	<ul style="list-style-type: none"> ■ Emergency stops and/or mobile safety guards ■ Releveling check ■ Timed contacts ■ Extension relays ■ Zero speed monitoring ■ Two-hand control 	-	■		■	■	

Logic controllers

Power supplies


Control relays










Timers

Counters /
Ratemeters

Temperature
controllers

Safety products

 Safety relays

Description	Type	Part number	Power supply	Functions	Levels of safety according to EN 954-1
Emergency stop and/or mobile guards					
	KNA3-XS	85100036	24 V ~	<ul style="list-style-type: none"> ■ Emergency stops ■ Mobile guard monitoring 	3
		85100037	40 → 260 V ~		
	KNA3-RS	85100434	115 V ~	<ul style="list-style-type: none"> ■ Emergency stops ■ Mobile guard monitoring 	4
		85100435	230 V ~		
		85100436	24 V ~		
	KZP3-RS	85100536	24 V ~		
Relevelling zone check					
	KZHNV-XS	85100526	24 V ~	Relevelling zone check for lifts according to EN81	4
Timed contacts					
	KZR3-RS	85100736	24 V ~	<ul style="list-style-type: none"> ■ Emergency stops ■ Mobile guard monitoring ■ Safety timer function from 0.5 s to 30 s 	4
Extension relay					
	KZE3-XS	85100936	24 V ~	Extending the number of contacts in a safety relay	Depending on main relay
	KZEC3-XS	85101936	24 V ~	Extending the number of contacts in a safety relay	Depending on main relay
Zero speed monitoring					
	KSW2-RS	85100326	24 V ~	Zero speed monitoring for a single or 3-phase motor	4
2-hand control					
	KZH2-XS	85100626	24 V ~	Type III C "2-hand control" functions according to EN 574/97	4
		85100634	115 V ~		
		85100635	230 V ~		
	KZH3-RS	85100636	24 V ~	Type III C "2-hand control" functions according to EN 574/97	4

Safety products

Safety contacts	Data contacts	Casing width	Connection
3 N/O safety contacts	1 N/C signalling contact	22.5 mm	Screw terminals
3 N/O safety contacts	1 N/C signalling contact	45 mm	Screw terminals
2 N/O safety contacts	1 N/C signalling contact	22.5 mm	Screw terminals
1 N/O instantaneous safety contacts 1 N/O timed safety contact 1 N/C timed safety contact	1 N/C timed signalling contact	45 mm	Screw terminals
3 N/O safety contacts	1 N/C return loop	22.5 mm	Screw terminals
3 N/O safety contacts	1 N/C return loop	22.5 mm	Spring terminals
1 N/O safety contacts 1 N/C safety contact	Separate return loop	45 mm	Screw terminals
2 N/O safety contacts	-	22.5 mm	Screw terminals
3 N/O safety contacts	1 N/C signalling contact	45 mm	Screw terminals

Logic controllers

Power supplies

Control relays

Timers

Counters /
Rate meters

Temperature
controllers

Safety products