

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 | | | | | | |
|--|---|---|---------|-------------------|------------|-----------|---------------|-----------------|
| | | Electronic | | Electromechanical | | | | |
| | Range | Range | Sensing | Operator dialogue | Processing | Actuating | Communicating | Supplying power |
| 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 | <i>DIN rail mounted</i> ■ Chronos ■ RTM miniature ■ S serie | ■ TOP 2000 | ■ | ■ | ■ | ■ | | |
| | <i>Panel-mounted</i> ■ 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 | | | | | |
|  | KZHN-VX | 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 |
| 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 |
| | | KZH3-RS | 85100634 | 115 V ~ | Type III C "2-hand control" functions according to EN 574/97 |
| 85100635 | 230 V ~ | | | | |
| 85100636 | 24 V ~ | | | | |
|  | | | | | |

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

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Timers

Counters /
Rate meters

Temperature
controllers

Safety products