







## ■ CR series

Model	PUSH BUTTON SWITCHES		PILOT LAMPS	SELECTOR SWITCHES	
Appearance					
Actuator code	CRF (non-illuminated)	CRX (illuminated)	CRP	CRS (non-illuminated)	CRT (illuminated)

Model	EMERGENCY SWITCHES		KEY SELECTOR SWITCHES	BUZZERS
Appearance				
Actuator code	CRE (non-illuminated)	CRA (illuminated)	CRK	CRB

Contact configuration	1a1b	
Operation of contact	Slow-action	
Installing panel thickness	1 ~ 6 mm (without the additional accessories)	
Rated voltage / Current consumption	100 - 240 V a.c. / Max. 4.4 VA	
	380 V a.c. / Max. 2.7 VA	
	12-24 V d.c. / Max. 18 mA	
Allowable operating frequency	Mechanical	Max. 30 operations/min
	Electrical	Max. 30 operations/min
Insulation resistance	Min.100 MΩ	
Dielectric strength	1500 V a.c. 50/60 Hz for 1 min	
Vibration	Malfunction Resistance	10 - 55 Hz double amplitude width 3 mm
Shock	Mechanical durability	Min.500 m/s
	Malfunction resistance	Min.100 m/s
Life	Mechanical	More than 1 million operations
	Electrical	More than 100 thousand operations
Ambient temperature & humidity	-25 ~ 40 °C, 45 ~ 85 % RH	
Storage temperature	-40 ~ 60°C	

- Temperature Controllers
- Recorders
- Digital Counter/ Timers
- Analog Timers
- Multi Pulse Meters
- Panel Meters
- Peripheral Devices
- Proximity Sensors
- Photo Sensors
- Rotary Encoders
- Thyristor Power Regulators
- Solid State Relays
- Power Supplies
- Control Switches / Combination Display Lights
- Power / Main / Cam Switches
- Limit Switches
- Micro Switches
- Foot / Mono Lever / Pendant Switches
- Signal Lights
- Power Buzzers / Terminal Blocks Fuse Holders / Control Boxes