







## ■ 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 <sup>2</sup>			
	Malfunction resistance	Min.100 m/s <sup>2</sup>			
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