

# DATA SHEET



# HANYOUNG CONTROL SWITCH

# CONTROL SWITCH

## ■ CONTROL SWITCH (CR Series)

Suffix code		Power voltage	Input voltage	Power consumption	Diameter	Remarks
 Push Button Lamp Switch	CR-254	24 V a.c / d.c	24 V a.c / d.c	1 W	φ 25	Red Green, Blue, Yellow, White * L : LED type ex)CR-254-2L
	CR-304	110 V, 220 V a.c 380 V, 440 V a.c Contact 5 A, 250 V a.c	6.3V a.c		φ 30	
 Push Button Switch	CR-251	5 A, 250 V a.c			φ 25	Red Green, Blue, Yellow, Black
	CR-301				φ 30	
 Pilot Lamp	CR-252	110 V a.c 220 V a.c 380 V a.c 440 V a.c	6.3 V a.c	1 W	φ 25	Red, Green, Blue, Yellow, White * L : LED type ex)CR-252-2L
	CR-302				φ 30	
 Pilot Lamp	CR-2510	24 V d.c	24 V d.c	1W	φ 25	Red, Green, Blue, Yellow, White * L : LED type ex)CR-251-0L
	CR-3010				φ 30	
 Selector Switch	CR-253	5 A, 250 V a.c			φ 25	
	CR-303				φ 30	
 Emergency Stop Button Switch	CR-257	5 A, 250 V a.c			φ 25	Red Green, Yellow
	CR-307				φ 30	
 Emergency Stop Button Switch (Push lock turn reset)	CR-257R	5 A, 250 V a.c			φ 25	Red Green
	CR-307R				φ 30	
 Selector Push Button Switch	CR-308	5 A, 250 V a.c			φ 30	Contact 1a1b
 Key Switch	CR-2511	5 A, 250 V a.c			φ 25	
	CR-3011				φ 30	

# CONTROL SWITCH

## ■ Ø 16 SMALL CONTROL SWITCH (SR Series)

Model	SRF	SRX	SRP	SRS	SRK	SRE	
	PUSH-BUTTON	ILLUMINATED PUSH-BUTTON	PILOT-LAMP	SELECTOR	KEY-SELECTOR	EMERGENCY / RESET	
Appearance							
Ratings	6 A, 250 V a.c						
Display color	Red, Yellow, Green, Blue, White						
Contact	AgNi						
Insulation resistance	Min.100 MΩ						
Dielectric strength	1500 V a.c (50/60 Hz for 1min.)						
Vibration	10 - 55 Hz, Double amplitude 0.75 mm						
Operation	Malfunction					Min. 100,000 times	
	Mechaical	Min. 500,000 times					
	Electrical					Min. 70,000 times	
Ambient temperature	-20 °C ~ 50 °C						
Ambient humidity	45 ~ 88 %R.H.						
Storage temperature	-40 °C ~ 70 °C						



### ● INCANDIDATE LAMP RATINGS

Power voltage	Power consumption
6.3 V a.c / d.c	60 mA
12 V a.c / d.c	40 mA
24 V a.c / d.c	20 mA







### ● LED RATINGS



Power voltage	Power consumption
12 V a.c / d.c	20 mA
24 V a.c / d.c	15 mA

## ■ RECTANGULAR LAMP

Model	CR-401(a.c SUPPLY)				CR-402(d.c SUPPLY)	
	Appearance					
Voltage	110 V	220 V	380 V	440 V	12 V	24 V
Secondary voltage	6.3 V	6.3 V	6.3 V	6.3 V	transless voltage	
Cap color	Red, Yellow, Green, Blue, White					
Insulation resistance	Min. 100 MΩ (Within current carrying part & non current carrying part)					
Dielectric strength	1,500 V a.c For minute					
Bulb's life	5,000 Hours above					
Ambient temperature	-20 °C ~ +40 °C					
Ambient humidity	45 ~ 85 %R.H.					
Storage temperature	-25 °C ~ +55 °C					

## ■ COMBINATION DISPLAY LIGHTS

Model	VOLTAGE TYPE		TRANSFORMER TYPE		RESISTANCE TYPE	
	CD-SA	CD-RA	CD-SC,SD	CD-RC,RD	CD-SB	CD-RB
Appearance						
Voltage	24 V d.c		110 / 220 V a.c		110 / 125 V d.c	
Cap color	Red, Yellow, Green, White, Orange					
Insulation resistance	Min. 100 MΩ (At 500 V d.c)					
Dielectric strength	1,500 V a.c For 1minute					
Consumption power	0.68 W(24 V d.c, 28 mA)					
LED	24 V d.c					
Life	50,000 hours (24 V d.c, 25 °C)					
Ambient temperature	-20 °C ~ +40 °C					
Ambient humidity	45 ~ 85 %R.H.					
Storage temperature	-25 °C ~ +55 °C					

※Note : CD-S  (30x30mm) and CD-R  (30x40mm)