










# HY-LS800 series

Model		Roller Plunger	Push Plunger	Roller Arm	Rubber Roller Lever	Roller Adjustable Lever	Adjustable Rod Lever	Roller Lever
		HY-LS802N	HY-LS803N	HY-LS803RN	HY-LS804RE	HY-LS804N	HY-LS807N	HY-LS808N
Appearance								
Frequency	Mechanical	120 times/minute						
	Electrical	30 times/minute						
Insulation resistance		100 MΩ or more (500 V d.c.)						
Contact resistance		25 MΩ or less (initial value)						
Dielectric resistance		● 1,000 V a.c. 50/60 Hz for 1 minute, ● 2,000 V a.c. 50/60 Hz 1 minute						
Vibration	Malfunction	10-55 Hz double amplitude 1.5 mm						
Shock	Mechanical	1000 m/s <sup>2</sup> or more (100 G or more)						
	Malfunction	300 m/s <sup>2</sup> or more (30 G or more)						
Life	Mechanical	More than 1 million times						
	Electrical	100,000 times or more						
Ambient temperature and humidity		-10 ~ 70 °C, 95 % RH or less (20 °C) (No condensation)						

● Ratings

Rated voltage (V)		Non-inductive load (A)			Inductive load (A)			
		Resistive load		Lamp	Inductive load		Electric motor load	
		NO	NC	NO	NC	NO	NC	
AC	125	6	2	6		3		
	250	6	1.5	6		1.5		
DC	8	6	4	6		4		
	14	6	4	6		4		
	30	4	2.5	4		2.5		
	125	0.4	0.1	0.4		0.1		
	250	0.2	0.05	0.2		0.05		

# ZCN-500 series

Model		Plunger	Hinge roller short lever	Hinge roller long lever	Hinge short lever	Hinge lever	Hinge long lever	Vertical roller plunger	Horizontal roller plunger	Resin road spring
		ZCN-P5010	ZCN-R504A	ZCN-R504C	ZCN-L507A	ZCN-L507C	ZCN-L507D	ZCN-PR508V	ZCN-PR508H	ZCN-L509
Appearance										
Operation speed		0.1 mm - 0.5 m/s								
Frequency	Mechanical	120 times/minute								
	Electrical	20 times/minute								
Insulation resistance		100 MΩ or more (500 V d.c.)								
Contact resistance		25 MΩ or less (initial value), 100 MΩ or less								
Dielectric strength		● Between charging part : 1000 V a.c. 50/60 Hz for 1 min, ● between discharging part : 1500 V a.c. 50/60 Hz for 1 min								
Vibration	Malfunction	10-55 Hz double amplitude 1.5 mm								
Shock	Mechanical	1000 m/s <sup>2</sup> or more (100 G or more)								
	Malfunction	300 m/s <sup>2</sup> or more (30 G or more)								
Life	Mechanical	More than 1 million times								
	Electrical	More than 300,000 times								
Ambient temperature and humidity		-10 ~ 80 °C 25 ~ 95 % RH (No condensation)								

● Ratings

Rated voltage(V)		Non-inductive load(A)			Inductive load ((A)				
		Resistive load		Inductive load		Electric motor load			
		NC	NO	NC	NO	NC	NO		
AC	125	15		10		3		1.5	
	250	10		6		2		1	
	600	3		2		1.5		0.75	
DC	8	15		10		-		-	
	14	15		10		-		-	
	30	6		5		-		-	
	125	0.4		0.05		-		-	
	250	0.2		0.03		-		-	

New product  
Control switch

High-end  
Control switch

New product  
assembly  
Indicator light  
Rectangular  
indicator light

Power switch  
Main switch

Cam switch

Limit  
switch

Micro  
switch

Foot switch  
Mono lever  
switch

Hoist  
switch