




















Index for Function

Type	Series	Photo	Circuit arrangement	Rating	Travel (mm)	Remark	Lead free ※1	Minimum packing unit ※2, ※3 (pcs.)	Page
Power Push	SDDL		SPST	TV-3	1.5	—	●	100	11
	SDKL			TV-5	2.5	—	●		13
	SDKVVB			with DC switch plungerHeight: 12.5mm	●	16			
	SDDF		SPST DPST	TV-8	1.5 2.5 4	—	●		18
	SDDFD				with Solenoid with DC switch	●	21		
	SDDFE				with DC switch	●	24		
	SDKEA				—	●	27		
	SDKVA		DPST	8A/128A 250V~	2.5	—	●		29
	SDKVC			TV-5		—	●		31
	SDKVD			TV-8		—	●		33
	SDKN		SPDT	0.5A 125V AC 0.25A 250V AC 5mA 5V DC	9 9.7	—	●		35
	SDKS		SPST SPDT	4A 125V AC 2A 250V AC	14.6	—	●		38
	SDKQ		SPST	3A 125V AC L	2.5	—	●		80
Rocker	SDDJE		SPST DPST	10A 250V AC	-	—	●	100	42
	SDDJF			16A 250V AC		—	●		46
Slide	SDKA		DPST	20A/250V~	5	—	●	100	49
	SDKG		DPDT	5A 250V AC	6	—	●		51
	SDKH		SPDT : 6 DPDT : 6 DP3T : 7 3P3T : 7		—	●	53		
	SDKP		DPDT		6	—	●		56

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Notes

1. ※1. ● mark : This product series do not contain any lead in all materials and parts.
2. ※2. Place your purchase order in N minimum package units (N: integer) .
3. ※3. Ask us for the export packaging unit.

Products Specifications

Items	Type	Push											
	Series	SDDL	SDKL	SDKVB	SDDF SDDFD SDDFE	SDKEA	SDKVA	SDKVC	SDKVD	SDKN	SDKS	SDKQ	
Power	Operating temperature range	-10°C to +60°C							-10°C to +60°C	-20°C to +60°C	-30°C to +60°C	-10°C to +60°C	
Push	Rating	TV-3	TV-5	TV-8	8A /128A 250V	TV-5	TV-8	AC 250V 0.25A AC 125V 0.5A	AC 250V 2A AC 125V 4A	3A 125V AC L			
Slide	Electrical performance	Contact resistance								100mΩ max.		50mΩ max.	100mΩ max.
Rotary		Insulation resistance								500MΩ min., 500V DC		100MΩ min., 500V DC	500MΩ min., 500V DC
Encoders		Voltage proof		1,000V AC for 1 min.	1,500V AC for 1 min.	2,000V AC for 1 min.	1,500V AC for 1 min.	1,000V AC for 1 min.	1,500V AC for 1 min.				
Jog Shuttle	Mechanical performance	Robustness of terminal							10N for 1 min.	50N for 1 min.	70N for 1 min.	—	
Telephone-hook		Robustness of actuator	Operating direction		100N			20N		100N			
Detector			Perpendicular direction		20N			30N	30N	20N			
Vibration/Tilt Sensors	Vibration		10 to 55 to 10Hz/min., the amplitude is 1.5mm for all the frequencies, in the 3 direction of X, Y and Z for 2 hours respectively										
Dual-in-line Package Type	Solderability		230±5°C, 3±0.5s							—			
Multi Control Devices	Resistance to soldering heat	Manual soldering		350±10°C, 3±0.5s	360±10°C, 3±0.5s (SDDFD, SDDFE; 300±10°C, 3±0.5s)	300±10°C, 3±0.5s	350±10°C, 3±0.5s	—					
TACT		Dip soldering		260±5°C, 10±1s			260±5°C, 5±1s	260±5°C, 10±1s	—				
Push Type	Durability	Operating life			25,000 cycles	10,000 cycles	25,000 cycles	6,000 cycles	12,000 cycles				
Rocker Type		Load: As ratings											
Slide Type	Environmental performance	Cold							-20±2°C for 96h	-30±2°C for 96h	-40±2°C for 96h	-25±2°C for 240h	
		Dry heat							85±2°C for 96h			85±2°C for 240h	
		Damp heat							40±2°C, 90 to 95%RH for 96h			40±2°C, 90 to 95%RH for 240h	

Products Specifications

Items		Type	Rocker		Slide			
		Series	SDDJE	SDDJF	SDKA	SDKG SDKH	SDKP	
Operating temperature range		-10°C to +60°C						
Rating		6A/96A 250V~	16 (6)/250~	20A/250V~	5A 250V AC			
Electrical performance	Contact resistance	100mΩ max.			50mΩ max. (SDKG) 100mΩ max. (SDKH)	100mΩ max.		
	Insulation resistance	500MΩ min. 500 V DC			500MΩ min. (SDKG) 100MΩ min. (SDKH) 500V DC	500MΩ min. 500V DC		
	Voltage proof	2,000V AC for 1 min.						
Mechanical performance	Robustness of terminal		10N for 1 min.	60N for 1 min.	100N for 1 min.	10N for 1 min.		
	Robustness of actuator	Operating direction	25N		50N			
		Perpendicular direction	25N		50N	—————		
	Vibration		10 to 55 to 10Hz/min., the amplitude is 1.5mm for all the frequencies, in the 3 direction of X, Y and Z for 2 hours respectively					
	Solderability		230±5°C, 3±0.5s		—————	230±5°C, 3±0.5s		
	Resistance to soldering heat	Manual soldering	350±10°C, 3±0.5s		—————	350±10°C, 3±0.5s		
Dip soldering		※260±10°C, 10±1s		—————	260±5°C, 10±1s			
Durability	Operating life		10,000 cycles			100 cycles		
			Load : As ratings			Without load		
Environmental performance	Cold		-20±2°C for 96h					
	Dry heat		85±2°C for 96h					
	Damp heat		40±2°C, 90 to 95%RH for 96h					

Power

Push

Slide

Rotary

Encoders

Jog Shuttle

Telephone-hook

Detector

Vibration/Tilt Sensors

Dual-in-line Package Type

Multi Control Devices

TACT

Push Type

Rocker Type

Slide Type

Note

※Dip soldering can be used on SDDJE For PC board terminal and SDDJF right angle terminal types only.