

Safety Standard Chart

With more and more electrical devices and machines being exported overseas, most of the control devices incorporated into those devices and machines now meet safety standards.

We are in the process of achieving safety standards certification for all of our products. The table below indicates which products have already been certified, for quick reference.

(Note) Some items in a product group may not meet certification requirements in some cases.

Detection Switches

Product name			UL (Recognized)	CSA (Certified)*	VDE (Certified)	Remarks
			Rating (Recognized)	Rating (Certified)	Rating (Certified)	
Turquoise switches S type ABS1 ABS4 ABS5	AgNi alloy contact		6 × 10 ³ times rating 2A GP 250 V AC	6 × 10 ³ times rating 2 A GP 250 V AC	5 × 10 ⁴ times rating (T85) 2 A 250 V AC ENEC certified	*C-UL certified
	CuNi alloy + Au-clad double layer contact		6 × 10 ³ times rating 0.1 RA 30 V DC	6 × 10 ³ times rating 0.1 RA 30 V DC	—	
	CuNi alloy + AgNi alloy + Au-clad triple layer contact		10 ⁵ times rating 0.1 A GP 250 V AC	10 ⁵ times rating 0.1 A GP 250 V AC	5 × 10 ⁴ times rating (T85) 0.1 A 250 V AC ENEC certified	
Turquoise switches V type ABV1	AgNi alloy contact		6 × 10 ³ times rating O.F. 0.98 N type: 3 A GP 250 V AC O.F. 1.96 N type: 5 A GP 250 V AC	6 × 10 ³ times rating O.F. 0.98 N type: 3 A GP 250 V AC O.F. 1.96 N type: 5 A GP 250 V AC	10 ⁴ times rating (T85) O.F. 0.98 N type: 3 A 250 V AC O.F. 1.96 N type: 5 A 250 V AC ENEC certified	*C-UL certified
	AgNi alloy + Au-clad contact		6 × 10 ³ times rating O.F. 0.98 N type: 1 A GP 250 V AC O.F. 1.96 N type: 3 A GP 250 V AC	6 × 10 ³ times rating O.F. 0.98 N type: 1 A GP 250 V AC O.F. 1.96 N type: 3 A GP 250 V AC	10 ⁴ times rating (T85) O.F. 0.98 N type: 1 A 250 V AC O.F. 1.96 N type: 3 A 250 V AC ENEC certified	
FS switches AV3 AVM3 FS-T switches AVT3 AVL3	Standard version	AgNi alloy contact	6 × 10 ³ times rating (T85) 3 A 250 V AC 10 ⁵ times rating 2 A 250 V AC	6 × 10 ³ times rating (T85) 3 A250 V AC 10 ⁵ times rating 2 A250 V AC	10 ⁴ times rating (T85) O.F. 0.49 N: 3 A 250 V AC 5 × 10 ⁴ times rating (T85) O.F. 0.98 N: 3 A 250 V AC ENEC certified	*C-UL certified
		CuNi alloy + Au-clad double layer contact	6 × 10 ³ times rating (T85) 0.1 A 30 V DC	6 × 10 ³ times rating (T85) 0.1 A 30 V DC	—	
		CuNi alloy + AgNi alloy + Au-clad triple layer contact	10 ⁵ times rating (T85) 0.1 A 250 V AC	10 ⁵ times rating (T85) 0.1 A 250 V AC	5 × 10 ⁴ times rating (T85) 0.1 A 250 V AC ENEC certified	
	Long life version	AgNi alloy contact	6 × 10 ³ times rating (T85) 5 A 250 V AC	6 × 10 ³ times rating (T85) 5 A 250 V AC	5 × 10 ³ times rating (T85) 5 A 250 V AC ENEC certified	
		CuNi alloy + Au-clad double layer contact	6 × 10 ³ times rating (T85) 0.1 A 30 V DC	6 × 10 ³ times rating (T85) 0.1 A 30 V DC	—	
		CuNi alloy + AgNi alloy + Au-clad triple layer contact	10 ⁵ times rating (T85) 0.1 A 250 V AC	10 ⁵ times rating (T85) 0.1 A 250 V AC	5 × 10 ⁴ times rating (T85) 0.1 A 250 V AC ENEC certified	
		FS switches Contact gap: more than 1 mm type		10 ⁴ times rating 3 A 30 V DC	10 ⁴ times rating 3 A 30 V DC	

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Product name			UL (Recognized)	CSA (Certified)*	VDE (Certified)	Remarks
			Rating (Recognized)	Rating (Certified)	Rating (Certified)	
FJ switches AH1	Standard type	M2 mounting hole type	6 × 10 ³ times rating (T85) O.F. 0.74 N: 1 A 125 V AC O.F. 1.47 N: 3 A 125 V AC	6 × 10 ³ times rating (T85) O.F. 0.74 N: 1 A 125 V AC O.F. 1.47 N: 3 A 125 V AC	—	*C-UL certified
	Low-level circuit type	M2 mounting hole type	6 × 10 ³ times rating (T85) 0.1 A 125 V AC	6 × 10 ³ times rating (T85) 0.1 A 125 V AC		

Operation Switches

Product name			UL (Recognized)	CSA (Certified)*	VDE (Certified)	Remarks
			Rating (Recognized)	Rating (Certified)	Rating (Certified)	
AJ8S (J8S) switches	J8S		10 ⁴ times rating 16 A GP 250 V AC	10 ⁴ times rating 16 A GP 250 V AC	TÜV certified 10 ⁴ times rating (T85/55) 16 (4) A 250 V AC	*C-UL certified
AJ8 switches with trip function upgraded type (J8R)	J8R		10 ⁴ times rating 16 A GP 125 V AC 8 A GP 250 V AC	10 ⁴ times rating 16 A GP 125 V AC 8 A GP 250 V AC	10 ⁴ times rating (T85/55) 10 (4) A 250 V AC ENEC certified	*C-UL certified
AJ7 (J7) switches	10 A type	Standard size actuator	6 × 10 ³ times rating 10 A GP 250 V AC	6 × 10 ³ times rating 10 A GP 250 V AC	10 ⁴ times rating (T85/55) 10 (4) A 250 V AC ENEC certified	*C-UL certified
		Wide size actuator				
	6 A type		6 × 10 ³ times rating 6 A GP 250 V AC	6 × 10 ³ times rating 6 A GP 250 V AC	10 ⁴ times rating (T85/55) 6 (3) A 250 V AC ENEC certified	
AJ8 (J8) switches	Standard actuator		6 × 10 ³ times rating 16 A GP 250 V AC	6 × 10 ³ times rating 16 A GP 250 V AC	10 ⁴ times rating (T85/55) 16 (4) A 250 V AC ENEC certified	*C-UL certified
	Wide actuator					

Note) AJ7 (J7), AJ8 (J8), AJ8 switches with trip function upgraded type (J8R) and AJ8S (J8S) switches come standard with simultaneous marking for overseas standard certification.