

Safety door lock



Apperance			
Standard		EN60947–5–1、GB14048.5	
Degree of protection		IP67	
Material		PA66 flame retardant	
usage	Machiane	>1 million times	
	Electric	more than 150,000 times	
Type		AC–15	DC–13
Operating voltage		240V	24V
Operating current		3A	2A
Contact resistance		less than 25m Ω	
Rated insulation voltage		300V	
Protection against electric shock		Class II (double insulation)	
Pulse voltage		2.5KV	
Insulation resistance		less than 100m Ω (under 500VDC)	
Short circuit protection device		10A, 250V requires quick–blow fuse	
Vibration resistance		10–55HZ double amplitude 1.5mm	
Shock proof	Durable	1000m/s	
	Misoperation	300m/s	
Conditional short circuit current		100A	
Contact pitch		more than2x2mm	
Forced breaking force		Standard type: minimum 60N; strong tension type: minimum 80N	
Force break line pretravel		more than10mm	
Operating speed		0.1m ~ 0.5m/s	
Allowable operating frequency		Up to 20 operations/minute	
Pollution degree (use environment)		3 (EN60947–5–1)	
Ambient temperature		–10℃ ~ + 70℃ without freezing	
Use environment		85% RH	
Model NO.		AR1 series	

Selection coding rules

AR①-②③④

NO.	Classification	Explantion of model numbers
①	Installation method	1: Horizontal installation 2: Vertical installation 3: Adjustable mount (horizontal) 4: Adjustable mount (horizontal/verticall)
②	Conduit port/ connector size	P: Pg13.5 (terminal type) M: M20 (terminal type) 2M: Standard lead wire type(2m) 2ME: Bending resistant lead wire lead type(2m)
③	Built–in switch	A: 1NC/1NO (slow motion) B: 2NC (slow motion) C: 2NC/1NO (slow motion) D: 3NC (slow motion)
④	Head installation direction	P: Choice of four mounting orientations (delivered front mounting) / plastic U: Choice of four mounting orientations (delivered front mounting) / metal

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Unit: mm

Dimensions

