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SPECIFICATIONS

[1.General Specifications]

Product Name			Rotating Beacons			
Model			SF10-M1□□□-□		SF10-M2□□□-□	
Rated Voltage			12-24V DC		100-240V AC (50/60Hz)	
Operating Voltage Range			10-30V DC		90-250V AC	
Rated Current Consumption	Max.	No Buzzer	12V DC 0.62A	24V DC 0.32A	100V AC 0.19A	240V AC 0.08A
		With Buzzer	0.64A	0.34A	0.20A	
Rated Power Consumption	Max.	No Buzzer	7.4W	7.7W	8.5W	
		With Buzzer	7.7W	8.2W	8.8W	
Operating Ambient Temperature			-20℃ to +50℃			
Operating Ambient Humidity			Less than 90 % (No condensation)			
Storage Ambient Temperature			-30℃ to +60℃			
Storage Ambient Humidity			Less than 90 % (No condensation)			
Mounting Location			Indoor/Outdoor			
Mounting Direction			Indoor : Upright, Inverted & Sideways Outdoor : Upright			
Protection Rating			SF10-M□JN	IP23		
				IP65(SZW-103 [Rubber Gasket] Attachment)		
			SF10-M□KT□	IP66/NEMA TYPE 4X,13		
Environmental Condition			Upright			
Insulation Resistance			More than 1MΩ at 500V DC between live part and non-current carrying metallic part		More than 3MΩ at 500V DC between live part and non-current carrying metallic part	
Withstand Voltage			500V AC applied for 1min between live part and non-current carrying metallic part without breaking insulation		4,000V AC applied for 1min between live part and non-current carrying metallic part without breaking insulation	
Mass (Typ.)			SF10-M1JN	0.40kg	SF10-M2JN	0.43kg
			SF10-M1KTN	0.39kg	SF10-M2KTN	0.42kg
			SF10-M1KTB	0.40kg	SF10-M2KTB	0.43kg
Sound Pressure Level (Typ.)			88dB			
Environmental Condition			Front direction from the Buzzer Aperture/at 1m			
Rotation Flashing Rate(Typ.)			180 R.P.M.[High Speed], 120 R.P.M.[Middle Speed], 60R.P.M.[Low Speed]			
Flashing Rate(Typ.)			Single Flash(60 flashes per minute), Double Flash(90 flashes per minute)			
			Triple Flash(120 flashes per minute), Pulse(20 flashes per minute)			
Conformity Standards	UL		UL508, CSA-C22.2 No.14 (UL File No.E215660)			
	EMC Directive		EN61000-6-4 EN61000-6-2		EN61000-6-4, EN61000-6-2 EN61000-3-2, EN61000-3-3	
	KC		KN61000-6-4, KN61000-6-2			
	FCC		FCC Part15 SubpartB ClassA, ICES-003 ClassA			
	RoHS Directive		EN50581			
	Low Voltage Directive				IEC/EN60947-5-1,EN62471	
	EAC		TPTC020/2011		TPTC020/2011, TPTC004/2011	
			UL, Low Voltage Directive, and EAC have been evaluated for use in indoor industrial control equipment.			
Remarks			Due to the characteristics of the LED elements, a variation in difference of the color tone and brightness of every product may occur.			

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[2.Model Number Configuration]

S F 1 0 - M 1 K T B - R

■ **Rated Voltage**

M1 : 12-24V DC
M2 : 100-240V AC

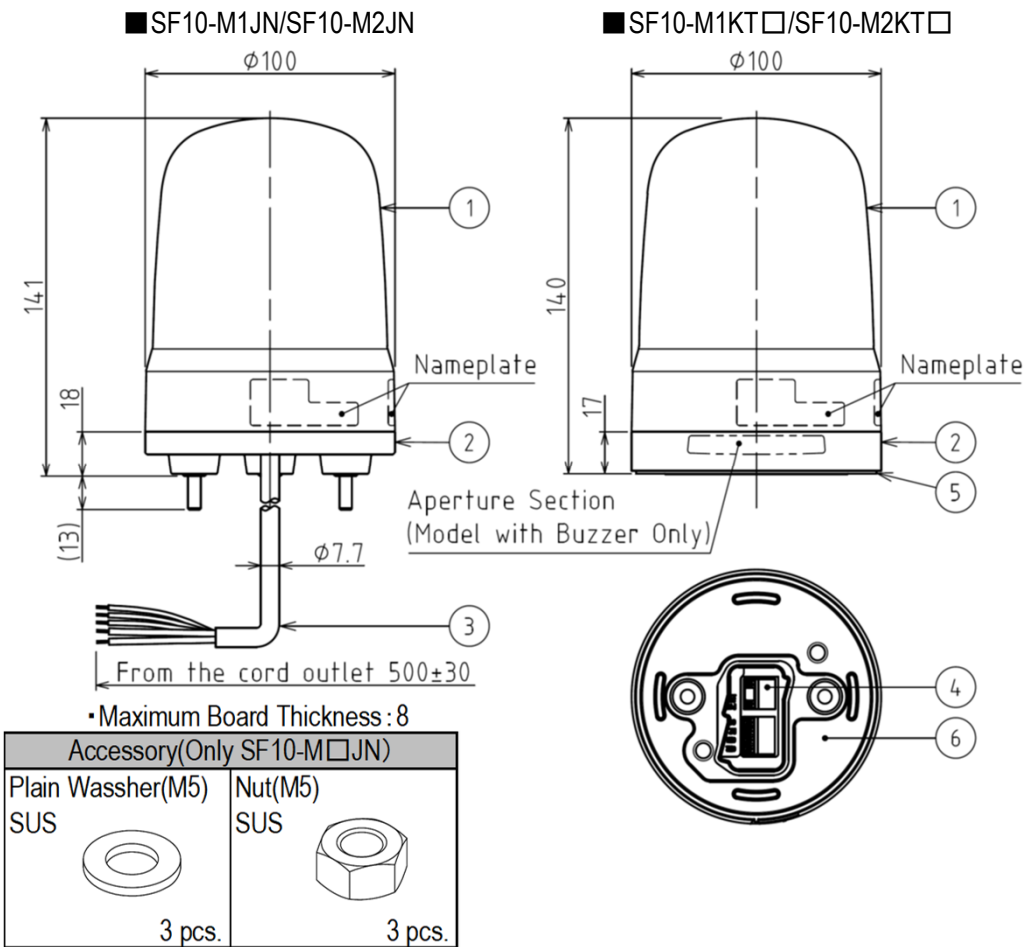
■ **Installation · Wiring · Buzzer**

JN : 3-point Bolt Leg Mounting · Cabtyre Cord · No Buzzer
KTN : 2-point Hole Type Mounting · Terminal block · No Buzzer
KTB : 2-point Hole Type Mounting · Terminal block · With Buzzer

■ **LED Unit Color**

R : Red
Y : Amber
G : Green
B : Blue

[3.Outer Dimensions]

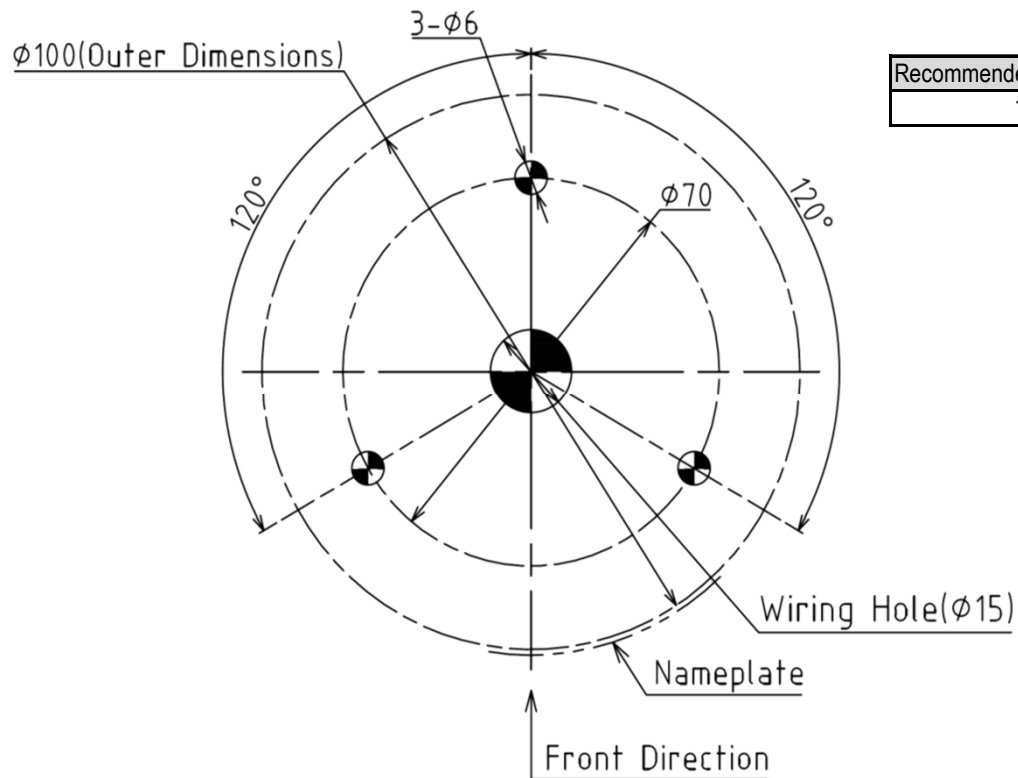


Number	Name	Material · Specification
1	Globe	PC
2	Case	PC
3	Cabtyre Cord	PVC, M1JN : AWG22×5, M2JN : AWG18×2+AWG24×3
4	Terminal block	LCP GF, Applicable wire size Solid Wire : 0.13-1.5mm ² , Stranded Wire : AWG28-14
5	Mounting Bracket	PC
6	Waterproof Sheet	Silicone

[4.Mounting Dimensional Drawing]

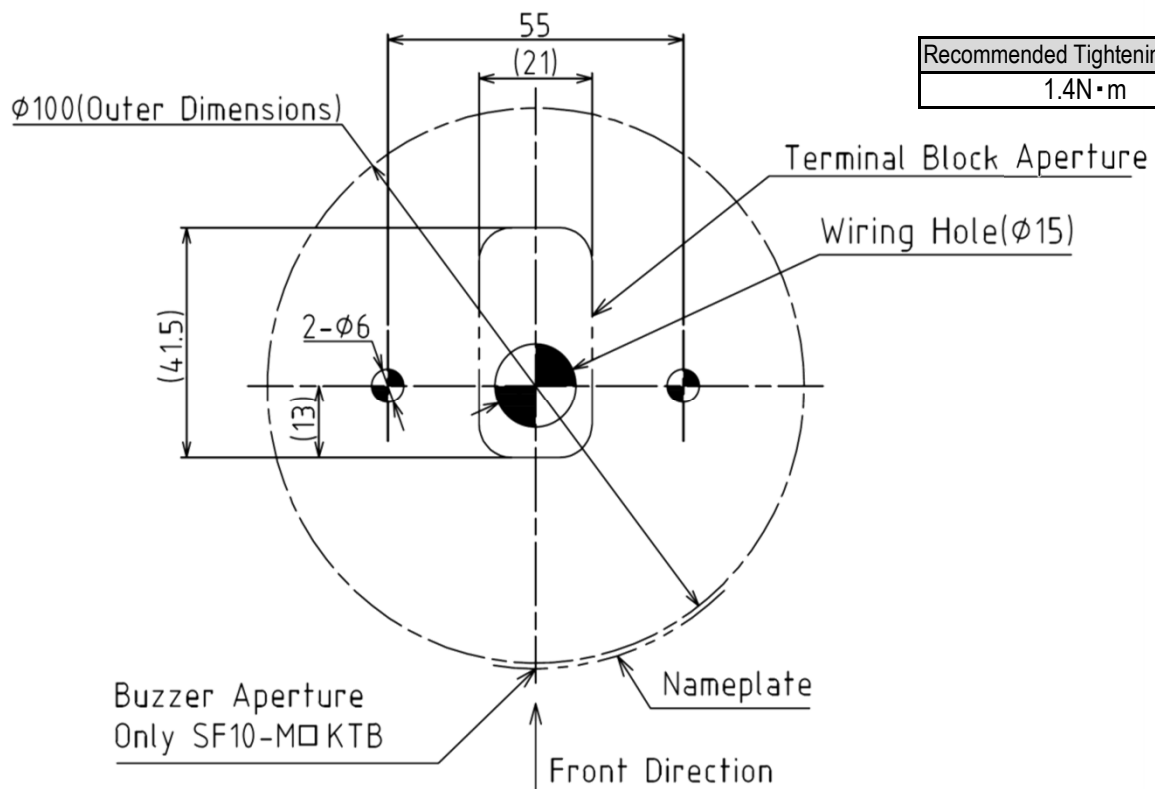
■ SF10-M1JN/SF10-M2JN

[mm]



Recommended Tightening Torque
1.4N·m

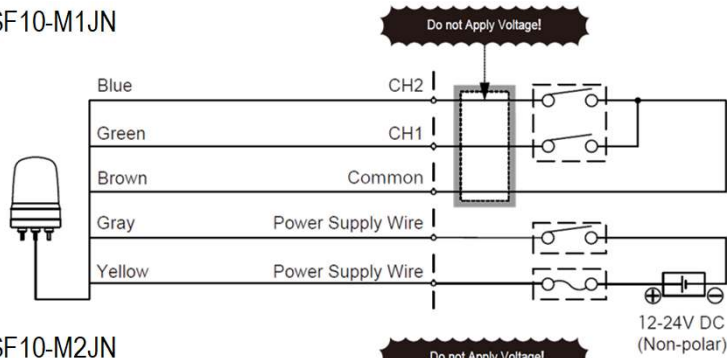
■ SF10-M1KT□/SF10-M2KT□



Recommended Tightening Torque
1.4N·m

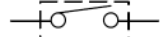
[5.Wiring Diagram]

■ SF10-M1JN

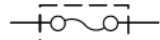


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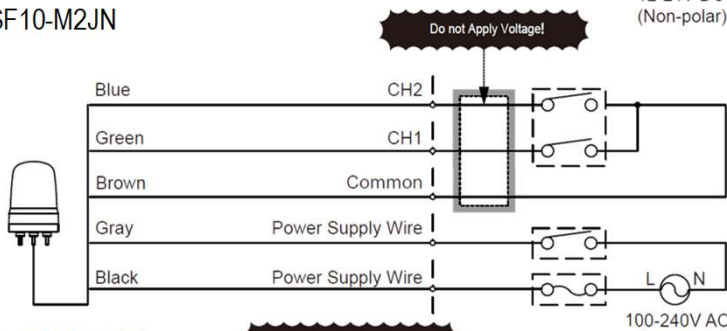
Contact



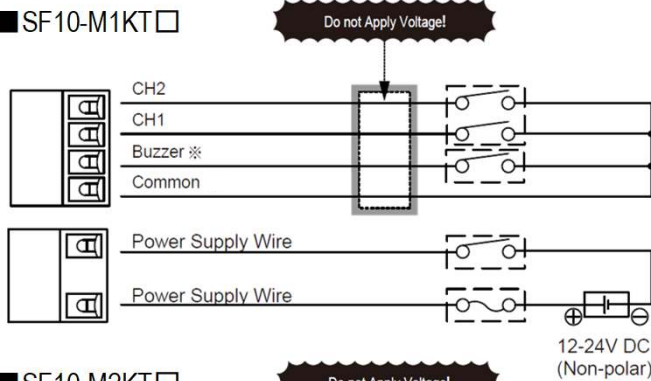
Fuse



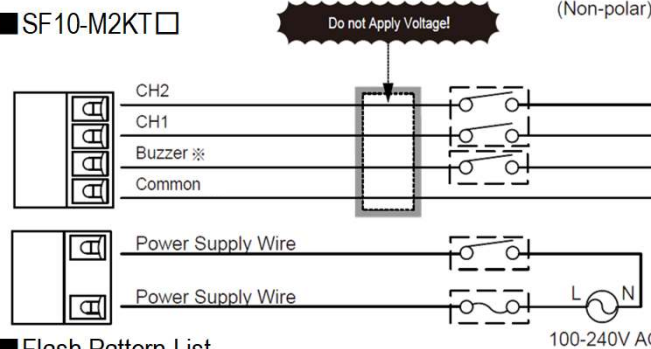
■ SF10-M2JN



■ SF10-M1KT□



■ SF10-M2KT□



※For No Buzzer Model,
do not require wiring.

■ Flash Pattern List

Rotary SW	Wiring 【CH1/CH2】			
	CH1 OFF/CH2 OFF	CH1 ON/CH2 OFF	CH1 OFF/CH2 ON	CH1 ON/CH2 ON
Group 0	Turn off	Rotation(120R.P.M.)	Triple Flash	Dim. Rotation(120R.P.M.)
Group 1	Turn off	Rotation(180R.P.M.)	Triple Flash	Dim. Rotation(180R.P.M.)
Group 2	Turn off	Triple Flash	Pulse	Dim. Triple Flash
Group 3	Turn off	Rotation(60R.P.M.)	Rotation(120R.P.M.)	Rotation(180R.P.M.)
Group 4	Turn off	Single Flash	Double Flash	Triple Flash
Group 5	Triple Flash	Dim. Triple Flash	Half Triple Flash	Dim. Half Triple Flash
Group 6	Pulse	Dim. Pulse	Half Pulse	Dim. Half Pulse
Group 7	Rotation(60R.P.M.)	Dim. Rotation(60R.P.M.)	Half Rotation(60R.P.M.)	Dim. Half Rotation(60R.P.M.)
Group 8	Rotation(120R.P.M.)	Dim. Rotation(120R.P.M.)	Half Rotation(120R.P.M.)	Dim. Half Rotation(120R.P.M.)
Group 9	Rotation(180R.P.M.)	Dim. Rotation(180R.P.M.)	Half Rotation(180R.P.M.)	Dim. Half Rotation(180R.P.M.)

※Half : The front of the product light up.