
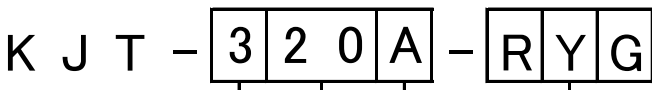


SPECIFICATIONS

[General Specifications]



Model	KJT-120□-□	KJT-220□-□	KJT-320□-□																				
Revolving Warning Light Tier	1 Tier	2 Tiers	3 Tiers																				
Rated Voltage	200VAC(50/60Hz)																						
Operating Voltage Range	180~240VAC(50/60Hz)																						
Rated Power Consumption	Max. 20W	Max. 26W	Max. 32W																				
	Measured Condition : Rated Voltage, Volume Maximum, All Lighting Condition, Sound Playback "Rapid Hi-Lo"																						
Max. Sound Pressure Level	85dB (at 1m) Measured Condition : measured at 1m from direction the center of the product mounted in the □300mm panel in normal direction and playing "Rapid Hi-Lo" ※The sound pressure level may be lower depending on the Sound, usage environment, and supplied voltage.																						
Volume Control	Volume Adjustment : Minimum to Maximum																						
Signal Input	Level Hold Input (The message will only play back while the input is held on and repeat until the input is removed.)																						
CH Input	Bit Input (Select the sound group A~G) / Binary Input (Select the Sound Group H)																						
Number of Playback Tones	Bit Input : 8 / Binary Input : 32																						
Playback start-up time	300ms or less (Signal Input / Power Supply start-up)																						
Signal Input Priority	CH8(Blue) > CH7(White) > CH6(Gray) > CH5(Purple) > CH4(Light Green) > CH3(Pink) > CH2(Yellow) > CH1(Sky Blue)																						
Test Playback	 During turned on select switch 4, The sound of CH1 is played.																						
Flashing Rate	120±20 Flashes Per Minute																						
Bulb	12V 5W (G18/BA15S)																						
Operating Temperature Range	-20~45°C																						
Relative Humidity	Less than 85 % (No condensation)																						
Mounting Direction	Upright (Indoors and Outdoors)																						
Protection Rating	IP23																						
Insulation Resistance	More than 1MΩ at 500VDC between the terminals and the chassis																						
Withstand Voltage	1500V AC applied for 1min between terminals and chassis without breaking insulation																						
Vibration Resistance	19.6m/s ² 30Hz, Front and Back 2h·Right and Left 2h·Up and Down 4h																						
Mass	1.7kg±10%	2.4kg±10%	3.0kg±10%																				
Model Number Configuration	<div style="text-align: center;">  </div> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">■ Tier</td> <td style="width: 25%;">■ Rated</td> <td style="width: 25%;">■ Sound</td> <td style="width: 25%;">■ Globe Color</td> </tr> <tr> <td>1 : 1 Tier</td> <td>20 : 200VAC</td> <td>A : A Type</td> <td>R : Red</td> </tr> <tr> <td>2 : 2 Tiers</td> <td></td> <td>C : C Type</td> <td>Y : Yellow</td> </tr> <tr> <td>3 : 3 Tiers</td> <td></td> <td>D : D Type</td> <td>G : Green</td> </tr> <tr> <td></td> <td></td> <td>E : E Type</td> <td>B : Blue</td> </tr> </table>			■ Tier	■ Rated	■ Sound	■ Globe Color	1 : 1 Tier	20 : 200VAC	A : A Type	R : Red	2 : 2 Tiers		C : C Type	Y : Yellow	3 : 3 Tiers		D : D Type	G : Green			E : E Type	B : Blue
■ Tier	■ Rated	■ Sound	■ Globe Color																				
1 : 1 Tier	20 : 200VAC	A : A Type	R : Red																				
2 : 2 Tiers		C : C Type	Y : Yellow																				
3 : 3 Tiers		D : D Type	G : Green																				
		E : E Type	B : Blue																				
Remarks																							

SPECIFICATIONS

Sound List

Atype	01	Beep (slow intermittent horn)	07	Synthesized Piano	13	Fur Elise	19	Mary had a little Lamb	25	Amaryllis	31	Grandfather's Clock
	02	Stutter (rapid intermittent horn)	08	Synthesized Bell	14	Maiden's Prayer	20	The camptown Races	26	Symphony No.40	32	Ave Maria
	03	Bell (clear highpitched bell)	09	Stutter + Bell	15	Minuet	21	Cuckoo	27	Silent Lakeside		
	04	Yelp (rapid siren)	10	Synthesized Melody Chime	16	Annie Laurie	22	Blacksmith in the village	28	Mountain musician		
	05	Rapid Hi-Lo	11	Chime	17	London bridge is falling down	23	On the Avignon bridge	29	Romance De Amour		
	06	Melody Chime	12	Call sign	18	Holdiridia	24	Daydream Believer	30	Petrouchka		
Ctype	01	Beep (slow intermittent horn)	07	Synthesized Piano	13	Can't Take My Eyes off of You	19	Canon	25	I Don't Want to Miss a Thing	31	Imasugu Kisu Mi
	02	Stutter (rapid intermittent horn)	08	Synthesized Bell	14	Top of the World	20	Rara Sanshain	26	Yozorano Mukou	32	Haruyo Koi
	03	Bell (clear highpitched bell)	09	Stutter + Bell	15	The Entertainer	21	Uchuusenkan Yamato	27	Aiwa Katsu		
	04	Yelp (rapid siren)	10	Synthesized Melody Chime	16	Amazing Grace	22	Oshiete	28	Truth		
	05	Rapid Hi-Lo	11	Chime	17	Amairono Kamino Otome	23	Makenaide	29	Gattsudaze		
	06	Melody Chime	12	Call sign	18	Les Champs-Elysees	24	Gonna Fly Now(Theme for "Rocky")	30	Odoru Ponpokorin		
Dtype	01	Beep (slow intermittent horn)	07	Synthesized Piano	13	Oribiao Kikinagara	19	Happy Birthday	25	Wiegenlied	31	When the Saints Go Marching In
	02	Stutter (rapid intermittent horn)	08	Synthesized Bell	14	A September	20	Hi Ho	26	Rudolph the Red-nosed Reindeer	32	Londonderry Air
	03	Bell (clear highpitched bell)	09	Chime	15	Doyoubino Koibito	21	I've been working on the Railroad	27	She Wore a Yellow Ribbon		
	04	Yelp (rapid siren)	10	Call sign	16	Akino Kehai	22	Bear Song	28	Oh My Darling Clementine		
	05	Rapid Hi-Lo	11	Runner	17	Saafu Tengoku Sukii Tengoku	23	Toys Go Cha Cha Cha	29	Yellow Rose of Texas		
	06	Melody Chime	12	Mamotte Agetai	18	Iro Howaitoburendo	24	Konnako Irukana	30	Yankee Doodle		
Etype	01	Beep (slow intermittent horn)	07	Synthesized Piano	13	Train Ride	19	Ringing Phone	25	Annie Laurie	31	Ave Maria
	02	Stutter (rapid intermittent horn)	08	Synthesized Bell	14	Galloping Hi-Lo	20	Two Tone	26	London bridge is falling down	32	Grandfather's Clock
	03	Bell (clear highpitched bell)	09	Stutter + Bell	15	Alien Chatter	21	Alarm Clock	27	Mary had a little Lamb		
	04	Yelp (rapid siren)	10	Synthesized Melody Chime	16	Falling Crystals	22	Ringin Hi-Lo	28	The camptown Races		
	05	Rapid Hi-Lo	11	Chime	17	Inverted Revellie	23	Fur Elise	29	Amaryllis		
	06	Melody Chime	12	Call sign	18	Galactic Motor	24	Minuet	30	Symphony No.40		

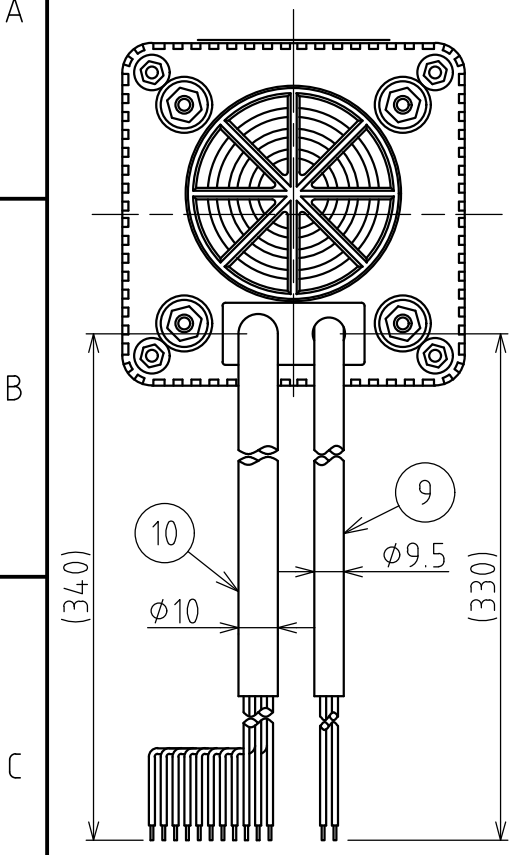
Sound groups

Sound type · CH	Sound Groups	Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	
										
Atype	CH1	Fur Elise	Mary had a little Lamb	Amaryllis	Grandfather's Clock	Romance De Amour	Mary had a little Lamb	Beep (slow intermittent horn)		Binary mode Sound 01-32 can be selected by using CH1-CH6
	CH2	Maiden's Prayer	The camptown Races	Symphony No.40	Ave Maria	The camptown Races	Symphony No.40	Stutter (rapid intermittent horn)		
	CH3	Minuet	Cuckoo	Silent Lakeside	Daydream Believer	Minuet	Holdiridia	Bell (clear highpitched bell)		
	CH4	Annie Laurie	Blacksmith in the village	Mountain musician	London bridge is falling down	Ave Maria	Daydream Believer	Yelp (rapid siren)		
	CH5	London bridge is falling down	On the Avignon bridge	Romance De Amour	Bell (clear highpitched bell)	Stutter + Bell	Rapid Hi-Lo	Rapid Hi-Lo		
	CH6	Holdiridia	Daydream Believer	Petrouchka	Yelp (rapid siren)	Synthesized Melody Chime	Melody Chime	Melody Chime		
	CH7	Chime	Chime	Chime	Synthesized Piano	Synthesized Piano	Synthesized Piano	Synthesized Piano		
	CH8	Call sign	Call sign	Call sign	Synthesized Bell	Synthesized Bell	Synthesized Bell	Synthesized Bell		
Ctype	CH1	Can't Take My Eyes off of You	Canon	I Don't Want to Miss a Thing	Imasugu Kisu Mi	Amairono Kamino Otome	Beep (slow intermittent horn)	Odoru Ponpokorin		Binary mode Sound 01-32 can be selected by using CH1-CH6
	CH2	Top of the World	Rara Sanshain	Yozorano Mukou	Haruyo Koi	Makenaide	Stutter (rapid intermittent horn)	Aiwa Katsu		
	CH3	The Entertainer	Uchuusenkan Yamato	Aiwa Katsu	Uchuusenkan Yamato	Gattsudaze	Stutter + Bell	Truth		
	CH4	Amazing Grace	Oshiete	Truth	Rara Sanshain	Top of the World	Synthesized Melody Chime	Les Champs-Elysees		
	CH5	Amairono Kamino Otome	Makenaide	Gattsudaze	Can't Take My Eyes off of You	Canon	Synthesized Piano	Amazing Grace		
	CH6	Les Champs-Elysees	Gonna Fly Now(Theme for "Rocky")	Odoru Ponpokorin	Gonna Fly Now(Theme for "Rocky")	Haruyo Koi	Synthesized Bell	Yozorano Mukou		
	CH7	Chime	Chime	Chime	Chime	Chime	Chime	Chime		
	CH8	Call sign	Call sign	Call sign	Call sign	Call sign	Call sign	Call sign		
Dtype	CH1	Runner	HAPPY BIRTHDAY	She Wore a Yellow Ribbon	Yellow Rose of Texas	Runner	Saafu Tengoku Suki Tengoku	Doyoubino Koibito		Binary mode Sound 01-32 can be selected by using CH1-CH6
	CH2	Mamotte Agetai	Hi Ho	Oh My Darling Clementine	Yankee Doodle	Iro Howaitoburendo	Konnako Irukana	I've been working on the Railroad		
	CH3	Oribiao Kikinagara	I've been working on the Railroad	Yellow Rose of Texas	When the Saints Go Marching In	Wiegenlied	Oribiao Kikinagara	She Wore a Yellow Ribbon		
	CH4	A September	Bear Song	Yankee Doodle	Londonderry Air	Hi Ho	Rudolph the Red-nosed Reindeer	Yankee Doodle		
	CH5	Doyoubino Koibito	Toys Go Cha Cha Cha	When the Saints Go Marching In	Beep (slow intermittent horn)	Bell (clear highpitched bell)	Rapid Hi-Lo	Synthesized Piano		
	CH6	Akino Kehai	Konnako Irukana	Londonderry Air	Stutter (rapid intermittent horn)	Yelp (rapid siren)	Melody Chime	Synthesized Bell		
	CH7	Saafu Tengoku Suki Tengoku	Wiegenlied	Runner	Chime	Chime	Chime	Chime		
	CH8	Iro Howaitoburendo	Rudolph the Red-nosed Reindeer	Mamotte Agetai	Call sign	Call sign	Call sign	Call sign		
Etype	CH1	Fur Elise	Minuet	Fur Elise	Alien Chatter	Train Ride	Rapid Hi-Lo	Beep (slow intermittent horn)		Binary mode Sound 01-32 can be selected by using CH1-CH6
	CH2	Minuet	Annie Laurie	London bridge is falling down	Falling Crystals	Galloping Hi-Lo	Chime	Stutter (rapid intermittent horn)		
	CH3	Annie Laurie	Amaryllis	Mary had a little Lamb	Inverted Revellie	Inverted Revellie	Stutter (rapid intermittent horn)	Bell (clear highpitched bell)		
	CH4	London bridge is falling down	Symphony No.40	The camptown Races	Galactic Motor	Galactic Motor	Ringin Phone	Yelp (rapid siren)		
	CH5	Mary had a little Lamb	Grandfather's Clock	Amaryllis	Ringin Phone	Alarm Clock	Stutter + Bell	Rapid Hi-Lo		
	CH6	The camptown Races	Ave Maria	Grandfather's Clock	Two Tone	Ringin Hi-Lo	Synthesized Melody Chime	Melody Chime		
	CH7	Chime	Chime	Chime	Alarm Clock	Synthesized Piano	Synthesized Piano	Synthesized Piano		
	CH8	Call sign	Call sign	Call sign	Ringin Hi-Lo	Synthesized Bell	Synthesized Bell	Synthesized Bell		

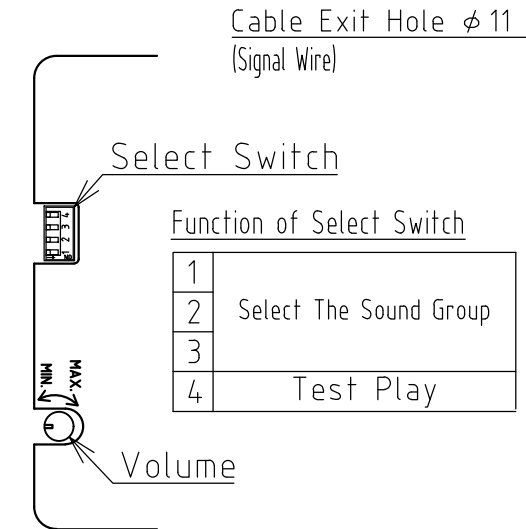
※Factory Default setting (GroupA)

指定公差 General Tolerance	角度公差 ±[°]		寸法公差 ±[mm]				
	短辺長さ Length of short side	~ ~ 100	6	30	120	300	1000
	精 f	1 0.5 0.3 0.1	中 m	0.1	0.3	0.5	0.7 1
	粗 v	3 1.5 1 0.5	粗 c	0.3	0.5	1	1.2 2

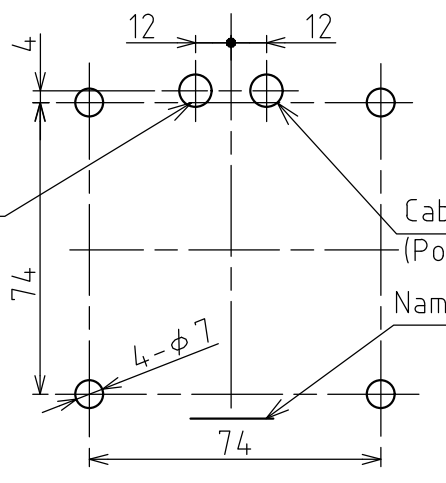
図番 Drawing No.			KJT-320-W18	
改訂 Rev.	年月日 Date	改訂履歴 Revisions		



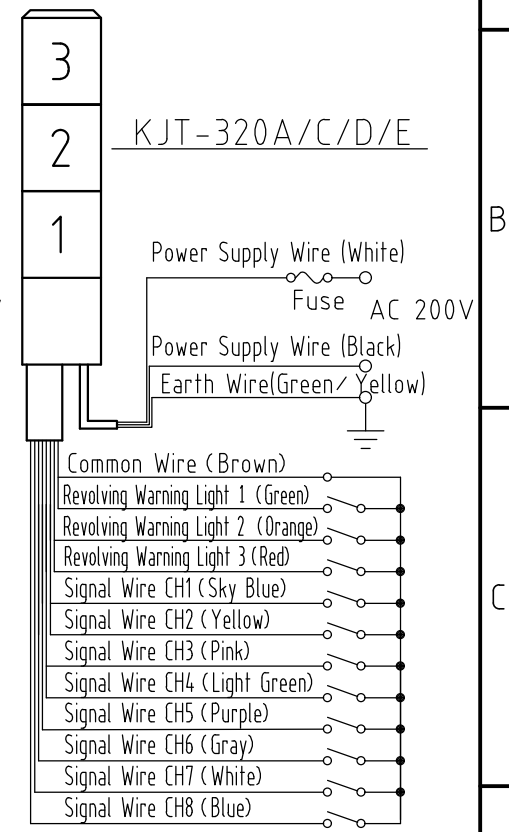
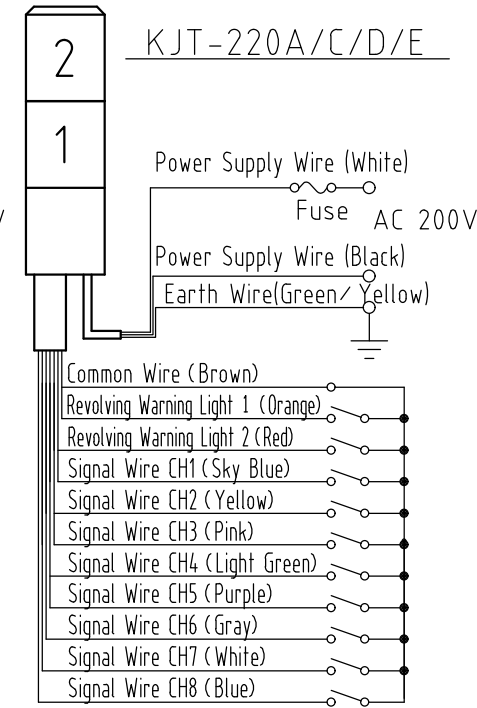
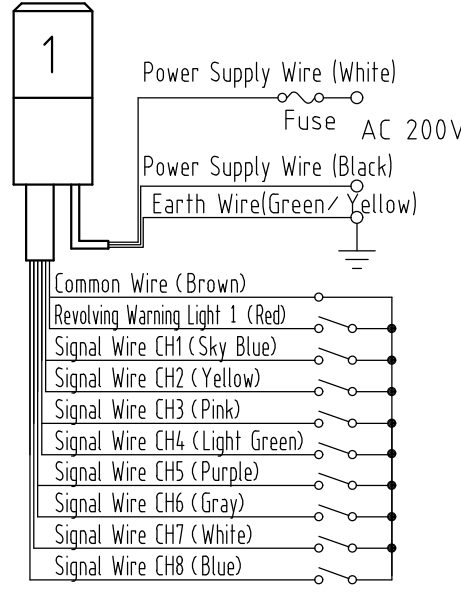
Bottom View



View 'A'



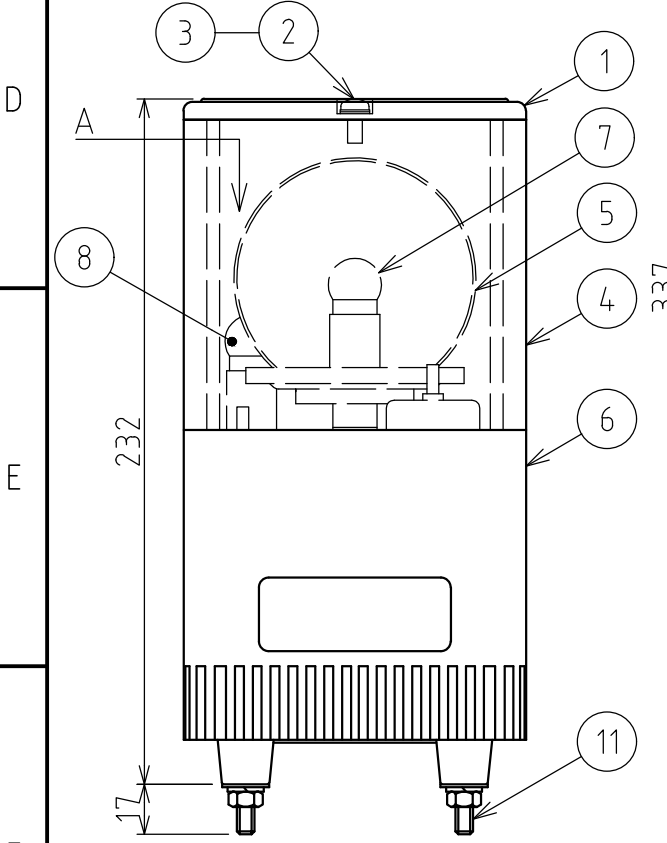
Installation Dimension Drawing



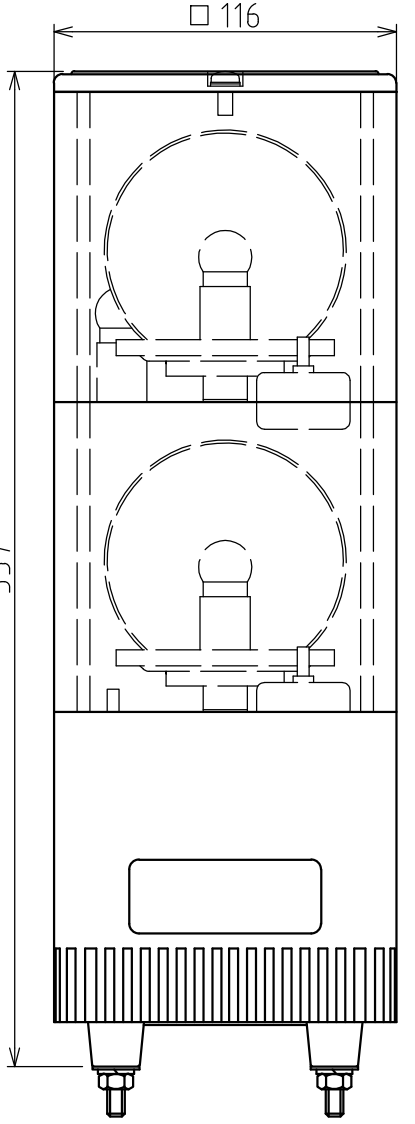
Wiring Diagram

Fuse	250V 0.2A
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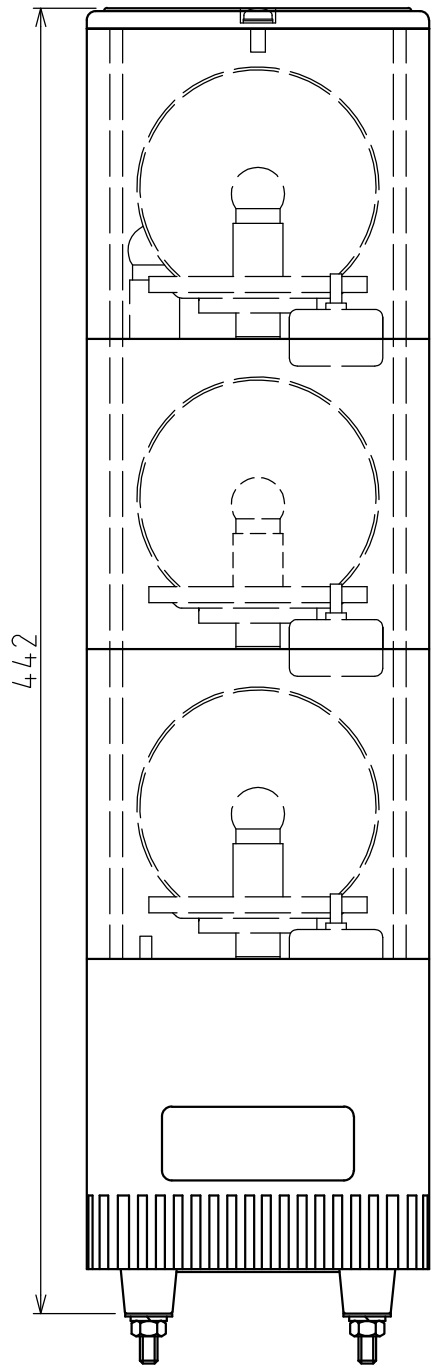
Signal Wire Contact Capacity	
Current Capacity	10mA or more
Withstand Voltage	27VDC or more
Leakage Current	0.1mA or less
On Voltage (Vsat)	1V or less



KJT-120A/C/D/E



KJT-220A/C/D/E



KJT-320A/C/D/E

11	Mounting Screw	4	M6X35,MFZn-C		
10	Signal Wire	1	UL1007 AWG22		
9	Power Supply Wire	1	VCT 0.75mm ² x3C		
8	Spare Bulb	1	12V5W G18/BA15S		
7	Bulb	1~3	12V5W G18/BA15S		
6	Case	1	ABS		
5	Reflector	1~3	PC / Aluminum Vacuum Evaporation		
4	Globe	1~3	Acrylic Globe	Red, Yellow, Green, Blue	
3	Rubber Washer	1	NBR		
2	Cover Mounting Screw	1	M5X12,MBNi		
1	Head Cover	1	ABS	Light Gray	
番号 No.	部品名 Part Name	品目コード Part No.	数量 Qty.	材料 & 寸法 & 処理 Material & Size & Finish	記事 Remarks

機種 Model	KJT-320	特注 No. S.P.No.	-	図名 Name	Outer Dimensions Drawing
品目コード Part No.	-	尺度 Scale	-	三角法 3rd Angle P.	単位 Unit mm
			株式会社	パトライト PATLITE Corporation	