






















General Relay

Classification	Miniaure power relay series						
Model	LY1,-S,-N,-F,-O	LY2,-S,-N,-F,-O	LY3,-S,-N,-F,-O	LY4,-S,-N,-F,-O	JQX-10F(JTX)	JQX-10F(JTX)	
Appearance							
Dimensions(mm)	27.5x21x35	27.5x21x35	27.5x21x35	27.5x21x35	34.5x34.5x52	34.5x34.5x52	
Contact form	1Z	2Z	3Z	4Z	2Z	3Z	
Contact capacity	10A 250V AC				10A 250V AC		
Coil voltage	DC	6~220V				6~220V	
	AC	6~380V				6~380V	
Coil power	DC:≤0.9W AC:≤1.2VA				DC:≤2.5W AC:≤3.5VA		
Pick-up	DC:≤75% AC:≤80%				DC:≤75% AC:≤80%		
Drop-out	DC:≥10% AC:≥30%				DC:≥10% AC:≥30%		
Contact resistance	≤50mΩ				≤50mΩ		
Insulation tesistance	≥100mΩ				≥100mΩ		
Life	Electrical	10 ⁶ times				10 ⁶ times	
	Mechanical	10 ⁷ times				10 ⁷ times	
Dielectric strength	Between open contacts	1000v rms				1500v rms	
	Between coil & contact	1500v rms				1500v rms	
Mounting form	P.C.B & Socket				Socket		
Operating temperature	-40°C ~ +55°C				-40°C ~ +55°C		
Weight	About 35g	About 35g	About 35g	About 35g	About 85g	About 85g	

Classification	miniature power relay series					
Model	MY2,-S,-N,-F,-O	MY3,-S,-N,-F,-O	MY4,-S,-N,-F,-O	MK2P-I,-S,-N	MK3P-I,-S,-N	
Appearance						
Dimensions(mm)	27.5x21x35	27.5x21x35	27.5x21x35	34.5x34.5x52	34.5x34.5x52	
Contact form	2Z	3Z	4Z	2Z	3Z	
Contact capacity	5A 250V AC	5A 250V AC	3A 250V AC	15A 250V AC		
Coil voltage	DC	6~220V			6~220V	
	AC	6~380V			6~380V	
Coil power	DC:≤0.9W AC:≤1.2VA			DC:≤0.9W AC:≤1.2VA		
Pick-up	DC:≤75% AC:≤80%			DC:≤75% AC:≤80%		
Drop-out	DC:≥10% AC:≥30%			DC:≥10% AC:≥30%		
Contact resistance	≤50mΩ			≤50mΩ		
Insulation tesistance	≥100mΩ			≥100mΩ		
Life	Electrical	10 ⁶ times			10 ⁶ times	
	Mechanical	10 ⁷ times			10 ⁷ times	
Dielectric strength	Between open contacts	1000v rms			1000v rms	
	Between coil & contact	1500v rms			1500v rms	
Mounting form	P.C.B & Socket			Socket		
Operating temperature	-40°C ~ +55°C			-40°C ~ +55°C		
Weight	About 35g	About 35g	About 35g	About 85g	About 85g	

Timer Relay

Classification		Timer	Multi-Rance-Timer			
Model		BH3-□	BH3	TH3	BH3-□□	BH3-N□
Appearance						
Dimensions		50H x 40W x 57.5D	50H x 40W x 57.5D	50H x 40W x 57.5D	50H x 40W x 57.5D	61H x 49W x 70D
Mounting & socket	Surface(-N)	PF085A	PF085A	PF085A	PF085A	PF083A
	Flush(-Y)		US-08	US-08	US-08	US-08
Dimensions		SEC:1,3,6,12,30,60 MIN:3,6,12,30,60 HR:3,6,12,24	A:1S,10S,1M,10M B:3S,30S,3M,30M C:6S,60S,6M,60M D:1M,10M,1H,10H E:3M,30M,3H,30H	A:1S,10S,1M,10M B:3S,30S,3M,30M C:6S,60S,6M,60M D:1M,10M,1H,10H E:3M,30M,3H,30H	A:1S,10S,1M,10M B:3S,30S,3M,30M C:6S,60S,6M,60M D:1M,10M,1H,10H E:3M,30M,3H,30H	A:1S,10S,1M,10M B:3S,30S,3M,30M C:6S,60S,6M,60M D:1M,10M,1H,10H E:3M,30M,3H,30H
Rated voltage		DC(V):12,24 AC(V):12,24,110,220,240,380,415,440,50/60Hz			DC(V):12,24 AC(V):12,24,110,220,240,380,415,440,50/60Hz	
Indicator Operating		ON-UP Operating ON-UP			Time Operating flicker	

Classification		Timer	Timer	Timer	Timer	Multirancetimer
Model		H3-3R-A8	BH3-□□	ST2P	ST3P	ST4P-□
Appearance						
Dimensions		48H x 48W x 81.6D	50H x 40W x 57.5D	50H x 40W x 82D	55H x 40.5W x 82.5D	48H x 48W x 81.6D
mounting & socket	Surface(-N)	P2CF-08	P2CF-08 P2CF08	PF-083A(E)	PF-083A(E)	PF113(E) P2CF-08 P2CF08
	Flush(-Y)	US-08	US-11 US-08 P3G-08 US-08 P3G-08	US-08	US-08	US-11 US-08 P3G-08 US-08 P3G-08
Dimensions		0.05SEC~300HRS	0.05SEC~300HRS	(SEC,MIN,HRS,10HRS) ISE~30HRC	A:0.05-0.5s/5s/30s/3min B:0.1-1s/10s/60s/6min C:0.05-0.5s/5s/30s/3min D:1-10s/100s/100min/60min E:5-60s/10s/60min/6h F:0.25-2min/20min/2h/12h G:0.5-4min/40min/4h/24h	0.05SEC~100HRS
Rated voltage		AC(V):100~240(50/60Hz) 120VDC,240VDC/AC(50/60Hz) 24 to 240V DC/AC	24 to 240V DC/AC DC(V):12,24,48 AC(V):12,50,110,220	AC(V):12,24,110,220, 240,380,440,50/60Hz DC(V):12~24(50/60Hz)	AC(V):24~220 DC(V):24-110(50/60Hz)	24 to 240V DC/AC DC(V):12,24,48 AC(V):24,50,100~240
Indicator Operating		Time Operating flicker			ON, UP Operating	Time Operating flicker

Timer

MODEL	SUL181h	SYN161h	SUL180a	SUL160a
APPEARANCE				
CONTACT CAPACITY	AC220V 16(4)A	AC220V 16(4)A	AC230V 16(4)A	AC220V 16(4)A
FULL TIMING RANGE	24h	24h	24h	24h
CONTACT RESISTANCE	≤50mΩ	≤50mΩ	≤50mΩ	≤50mΩ
INSULATION RESISTANCE	≥100MΩ	≥100MΩ	≥100MΩ	≥100MΩ
COIL VOLTAGE	110,230V AC	110,230V AC	110, 230V AC	110, 230V AC
LIFE	ELECTRICAL	10 ⁶ times	10 ⁶ times	10 ⁶ times
	MECHANICAL	10 ⁷ times	10 ⁷ times	10 ⁷ times
OPERATING TEMPERATURE	-40℃ ~+55℃	-40℃ ~+55℃	-10℃ ~+50℃	-10℃ ~+55℃
STORAGE BATTERY (WORKING RESERVE)	Time 150h	Without Battery	Time 70h	Without Battery
MINIMUM SETTING UNIT	30Minutes	30Minutes	15Minutes	15Minutes
SET UP TIMES	30 m/per time 48 times	30 m/per time 48 times	15 m/per time 96 times	15 m/per time 96 times
REMARKS	----	----	----	----

Timer

BH711	BH710	TB-35	TB-35B
			
AC230V 10(4)A	AC230V 10(4)A	AC220V 16(10)A	AC220V 16(10)A
24h/24小时	24h/24小时	24h/24小时	24h/24小时
≤50mΩ	≤50mΩ	≤50mΩ	≤50mΩ
≥100MΩ	≥100MΩ	≥100MΩ	≥100MΩ
230V AC	230V AC	100 240V AC	100 240V AC
10 ⁶ times/10 ⁶ 次	10 ⁶ times	10 ⁶ times	10 ⁶ times
10 ⁷ times/10 ⁷ 次	10 ⁷ times	10 ⁷ times	10 ⁷ times
-10℃ +55℃	-10℃ +55℃	-40℃ +55℃	-40℃ +55℃
Time 70h	Without battery	Without battery	Time 150h
10Minutes	10Minutes	15Minutes	15Minutes
10 m/per time 144 times	10 m/per time 144 times	15 m/per time 96 times	15 m/per time 96 times
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Timer

MODEL	TB-38	TB-38B	TB-438	TB-438B
APPEARANCE				
CONTACT CAPACITY	AC220V 16(10)A	AC220V 16(10)A	AC220V 16(10)A	AC220V 16(10)A
FULL TIMING RANGE	24h	24h	24h	24h
CONTACT RESISTANCE	≤50mΩ	≤50mΩ	≤50mΩ	≤50mΩ
INSULATION RESISTANCE	≥100MΩ	≥100MΩ	≥100MΩ	≥100MΩ
COIL VOLTAGE	100 240V AC	100 240V AC	100 240V AC	100 240V AC
LIFE	ELECTRICAL	10 ⁶ times/10 ⁶ 次	10 ⁶ times/10 ⁶ 次	10 ⁶ times/10 ⁶ 次
	MECHANICAL	10 ⁷ times/10 ⁷ 次	10 ⁷ times/10 ⁷ 次	10 ⁷ times/10 ⁷ 次
OPERATING TEMPERATURE	-40℃ ~+55℃	-40℃ ~+55℃	-40℃ ~+55℃	-40℃ ~+55℃
STORAGE BATTERY (WORKING RESERVE)	Without battery	Time 150h	Without battery	Time 150h
MINIMUM SETTING UNIT	15Minutes	15Minutes	15Minutes	15Minutes
SET UP TIMES	15 m/per times 96 times	15 m/per times 96 times	15 m/per times 96 times	15 m/per times 96 times
REMARKS	5VA	5VA	5VA	5VA





Timer

MODEL	BST8	BC18	BC18-E	TM-26 ALION ELECTRONICS
APPEARANCE				
CONTACT CAPACITY	AC220V 16A	AC220V 16A	AC220V 16A	AC220V 16A
FULL TIMING RANGE	7m	20m	20m	24h
CONTACT RESISTANCE	≤50mΩ	≤50mΩ	≤50mΩ	≤50mΩ
INSULATION RESISTANCE	≥100MΩ	≥100MΩ	≥100MΩ	≥100MΩ
COIL VOLTAGE	110, 230V AC	110, 230V AC	110, 230V AC	110, 230V AC
LIFE	ELECTRICAL	10 ⁶ times/10 ⁶ 次	10 ⁶ times/10 ⁶ 次	10 ⁶ times/10 ⁶ 次
	MECHANICAL	10 ⁷ times/10 ⁷ 次	10 ⁷ times/10 ⁷ 次	10 ⁷ times/10 ⁷ 次
OPERATING TEMPERATURE	-40℃ ~+55℃	-40℃ ~+55℃	-40℃ ~+55℃	-40℃ ~+55℃
MINIMUM SETTING UNIT	0.5Minutes	0.5Minutes	0.5Minutes	15Minutes
SET UP TIMES	1M, 1.5M, 2M, 2.5M, 3M, 3.5M, 4M, 4.5M, 5M, 5.5M, 6M, 6.5M, 7M	0.5M, 5M, 10M, 15M, 20M	0.5M, 5M, 10M, 15M, 20M	96times
REMARKS	1VA	5VA stand by mode 1VA	5VA	1VA



Weekly Programmable Timer

MODEL	BT810	BT812	BT811	BT822
APPEARANCE				
DIMENSIONS(mm)	86 × 36 × 66			
FULL TIMING RANGE	24h 7 days		24h/7 days random switching, holiday program, pulse and cycle program	
RATED VOLTAGE	AC220V 56/60HZ 85% 110%			
CONTACT CAPACITY	16(10)A, 250VAC			
CONTACT FORM	1 changeover switch	2 changeover switch	1 changeover switch	2 changeover switch
ACCURACY	≤2S/DAY			
MOUNTING FORM	Front-panel, DIN RAIL			
LIFE	ELECTRICAL ≥10 ⁶ times			
	MECHANICAL ≥10 ⁷ times			
TEMPERATURE	-10°C ~+ 40°C			
PROGRAMMABLE	220N/220FF		220N/220FF	
STORAGE BATTERY	3 YEARS			
CONSUMED POWER	4VA	7.5VA	4VA	7.5VA





Weekly Programmable Timer

MODEL	BT830	BT832	BT835	BT836
APPEARANCE				
DIMENSIONS(mm)	104 × 72 × 71.5			
FULL TIMING RANGE	24h 7 days		24h/7 days random switching, holiday program, pulse and cycle program	
RATED VOLTAGE	AC220V 56/60HZ 85% 110%			
CONTACT CAPACITY	16(10)A, 250VAC			
CONTACT FORM	1 changeover switch	2 changeover switch	1 changeover switch	2 changeover switch
ACCURACY	≤2S/DAY			
MOUNTING FORM	Front-panel			
LIFE	ELECTRICAL ≥10 ⁶ times			
	MECHANICAL ≥10 ⁷ times			
TEMPERATURE	-10°C ~+ 40°C			
PROGRAMMABLE	220N/220FF		2 2 0N /2 2 0 F F	
STORAGE BATTERY 3	3 YEARS			
CONSUMED POWER	4VA	7.5VA	4VA	7.5VA

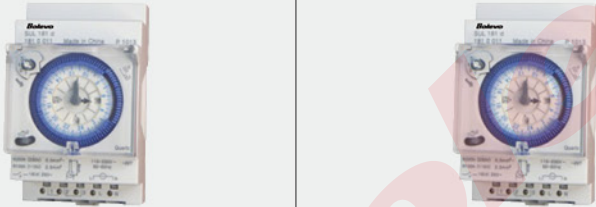
Weekly Programmable Timer

MODEL		BT8A	BT8B
APPEARANCE			
DIMENSIONS(mm)		50 × 100 × 66	48 × 48 × 95
FULL TIMING RANGE		Per week or per day cycle	
RATED VOLTAGE		AC220V 56/60HZ 85%~110%	
CONTACT CAPACITY		16(10)A, 250VAC	
CONTACT FORM		1N , 1NC/1NO	1N
ACCURACY		≤2S/DAY	
DISPLAY		LCD	
MOUNTING HOLES		----	45 × 45mm
MOUNTING FORM			
LIFE	ELECTRICAL	≥10 ⁶ times	
	MECHANICAL	≥10 ⁷ times	
TEMPERATURE		-10°C ~+ 40°C	
PROGRAMMABLE		80N/O FF per day or per week	
STORAGE BATTERY		3 YEARS	
CONSUMED POWER		5.5VA	




Weekly Programmable Timer

BT15		BT15A		BT20A		BT15T	
							
86 × 36 × 66		86 × 36 × 66		86 × 36 × 66		86 × 36 × 66	
Per week or per day cycle				Per week or per day cycle According to latitude, Auto change the time			
AC220V 56/60HZ 85%~110%							
16(10)A, 250VAC		20(12)A, 250VAC		16(10)A, 250VAC			
1Z		1Z		1Z			
≤2S/DAY		≤2S/DAY		≤2S/DAY			
LCD		LCD		LCD			
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Front-panel, DIN RAIL				Front-panel, DIN RAIL			
≥10 ⁶ times		≥10 ⁶ times		≥10 ⁶ times			
≥10 ⁷ times		≥10 ⁷ times		≥10 ⁷ times			
-10°C ~+ 40°C		-10°C ~+ 40°C		-10°C ~+ 40°C			
160N/OFF per day or per week		80N/OFF per day or per week		80N/OFF per day or per week			
3 YEARS		3 YEARS		3 YEARS			
5VA		5VA		5VA			

Timer

MODEL		
APPEARANCE		
DIMENSIONS(mm)		90 × 65.5 × 53.6
CONTACT RESISTANCE		AC220V 16(4)A
FULL TIMING RANGE		24h
CONTACT RESISTANCE		≤50m Ω
INSULATION RESISTANCE		≥100m Ω
OPERATING VOLTAGE		110-230VAC
OPERATING TEMPERATURE		-20℃ ~+55℃
MOUNTING FORM		DIN RAIL
LIFE	ELECTRICAL	10 ⁶ times/10 ⁶ 次
	MECHANICAL	10 ⁷ times/10 ⁷ 次
STORAGE BATTERY (WORKING RESERVE)		200h(230V), 100h(110V) Without Battery
MINIMUM SETTING UNIT		15Minutes 15Minutes
SET UP TIMES		15m/per time 96time 15m/per time 96time
CONSUMED POWER		MAX.1VA

Timer

MODEL		AHC808	AHC840	AHC841
APPEARANCE				
DIMENSIONS(mm)		85.4 × 65.5 × 18	126 × 36.2 × 59	
FULL TIMING RANGE		Per week or per day cycle	24h	Per week or per day cycle
RATED VOLTAGE		AC 220V 50/60HZ 80%~110%		
CONTACT CAPACITY		16(8)A/250VAC	20(10)A/250VAC	
CONTACT FORM		1NC+1NO		
ACCURACY		≤2S /DAY		
EXPECTANCY DISPLAY		LCD		
MOUNTING FORM		DIN RAIL		
LIFE	ELECTRICAL	≥10 ⁶ times≥10 ⁶ 次		
	MECHANICAL	≥10 ⁷ times≥10 ⁷ 次		
TEMPERATURER		-10℃ ~+50℃		
PROGRAMMABLE		16 ON/OFF Settings, 32 Pulse Output and Count-down together, 10(ON/OFF) Holiday Settings in one year, Ext Por(100 Meter)	480N/OFF per day or per week 480N/OFF	
STORAGE BATTERY		3 YEARS		
CONSUMED POWER		3VA	4VA	

Timer

Classification		Timer			Timer			Multi range timer
Type		ASTP-N	ASTP-Y	H2-N	AH2-Y	H2-N/Y-□		
Appearance								
Dimensions		61H × 49W × 70D	88H × 58W × 68D	61H × 49W × 70D	88H × 58W × 68D	61H × 49W × 70D 88H × 58W × 68D		
Mounting	Surface(-N)	PF083A(E)PS-08			PF083A(E)PS-08			
Socket	Flush(-Y)	US-08 P3G-08			US-08 P3G-08			
Full timing range		SEC :1,3,6,10,12,30,60 MIN :3,6,12,30,60 HR:3,6,12,24			SEC :1,3,6,12, 30,60 MIN :3,6,12,30,60 HR :3,6,12,24			PF083A(E)PS-08 US-08 P3G-08 A:1S,10S,1M,10M B:3S,30S,3M,30M C:6S,60S,6M,60M D:1M,10M,1H,10H E:3M,30M,3H,30H
Rated voltage		DC(V):12,24 AC(V):12,24,110,220,240,50/60HZ			DC(V):12,24 AC(V):12,24,110,220,240,50/60HZ			DC(V):12,24 AC(V):12,24,110,220,240 50/60HZ
Indicator operation		Time operation			ON-UP Two indicator lamps			
O/P Contact	Model	STP-N1/ STP-Y1	STP-N2/ STP-Y2	STP-N/ STP-Y	AH2-N1/ AH2-Y1	AH2-N2/ AH2-Y2	AH2-N/ AH2-Y	AH2-N/□
	Time limit 1c	5A	5A	5A	5A	5A	5A	5A
	Time limit 2c							5A
	Instantaneous 1c			5A			5A	5A
Service life	Mechanical	5 × 10 ⁶ times			5 × 10 ⁶ times			5 × 10 ⁶ times
	Electrical	10 ⁶ times			10 ⁶ times			10 ⁶ times
Accuracy	Repeat error	± 1% max			± 1% max			10 ⁶ times
	Setting error	± 10% max			± 10% max			± 10% max
	Voltage error	± 1% max			± 1% max			± 1% max
	Temperature error	± 2% max			± 2% max			± 2% max
Reset time		0.1 sec max			0.1 sec max			0.1 sec max
Consumed power		2VA			3VA			3VA
Ambient temperature		-10°C ~+55°C			-10°C ~+55°C			-10°C ~+55°C
Ambient humidity		48~85%RH			48~85%RH			48~85%RH
Weight		220g			220g			220g

06 Relay, Timer & Socket

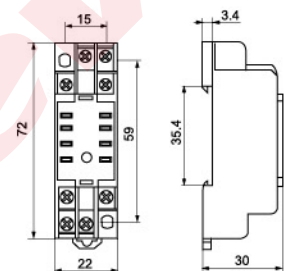
Timer

Dual timer		Digital timer		Timer	
ATDV-N	ATDV-Y	ASY-2D	ASY-3D	H3Y-D(ST6P)	
					
61H x 49W x 70D	88H X 58W X 68D	88H X 58W X 68D	88H X 58W X 68D	28H X 21W X 52.6D	
PF083A PS-08				PYF08A(E)	PYF14A(E)
US-08 P3G-08		US-08 P3G-08		WithY-20 adapter	
6S x 6S, 6S x 60S, 60S x 6S, 60S x 60S, 6M x 6M, 6M x 60M, 60M x 6M, 60M x 60M, Longest time 12 hours upon clients' request		SEC:9,9,99 MIN :9,9,99 HR :9,9,99	SEC :9,9,9,9,9,999 MIN :99,9,999 HR:99,9,999	SEC:1,3,5,10,30,60,120 MIN:3, 5,10,30,60 HR:3	
DC(V):12,24 AC(V):12,24,110,220,240 50/60Hz	DC(V):12,24 AC(V):12,24,110,220,240 50/60HZ	DC(V):12,24 AC(V):1,2,24,110,220,240 50/60Hz		DC(V):12,24 AC(V):12J24J110,220,240, 50/60HZ	
ON,OFF Operation	O N, OFF Operation	A fte r contact transfer		Power,uP Operation	
ATDV-N	ATDV-Y	ASY-2D	ASY-3D	AH3Y-2	AH3Y-4
5A	5A				
		5A	5A	5A	3A(4C)
5 x 10 ⁶ times	5 x 10 ⁶ times	5 x 10 ⁶ times		5 x 10 ⁶ times	
10 ⁶ times	10 ⁶ times	10 ⁶ times		10 ⁶ times	
± 1% max	± 2% max	± 0.05% max		± 3% max	
± 10% max	± 20% max	0		--	
± 1% max	± 1% max	± 0.05 sec		± 2% max	
± 2% max	± 2% max	± 0.05 sec		± 5% max	
0.2 sec max	0.2 sec max	0.3 sec max		0.2 sec max	
2VA	2VA	3VA		3VA	
-10°C ~+55°C	-10°C ~+55°C	-10°C ~+55°C		-10°C ~+55°C	
48~85%RH	48~85%RH	48~85%RH		48~85%RH	
160g	210g	230g		45g	

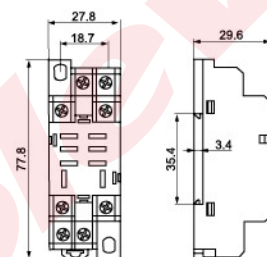
Relay Socket



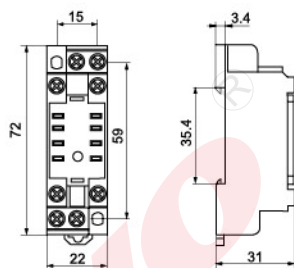
PYF08A



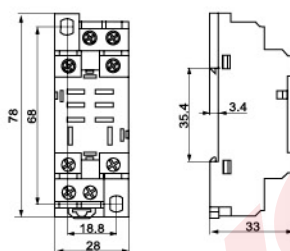
PTF08A



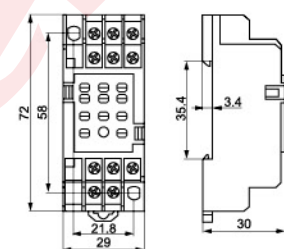
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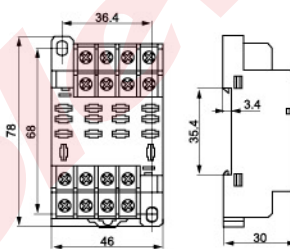
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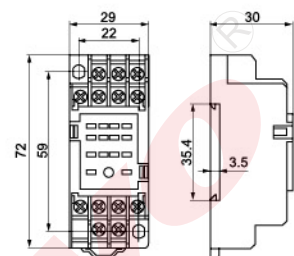
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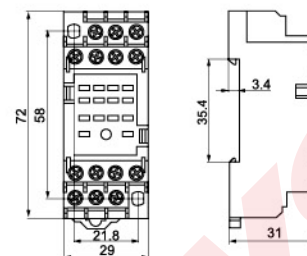
PTF14A



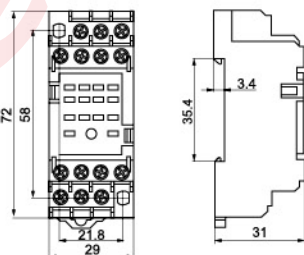
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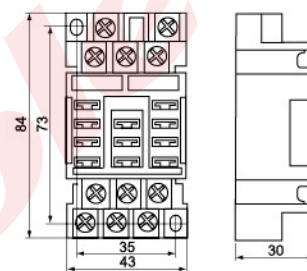
PTF14A-E



PYF14A-E



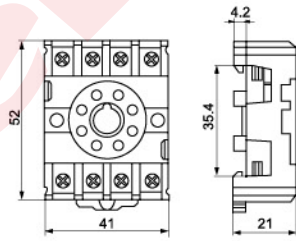
SOCKET-38F



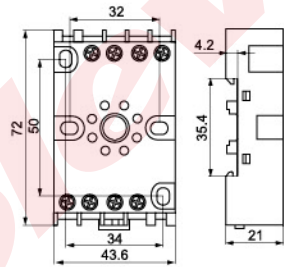
Relay Socket



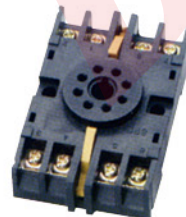
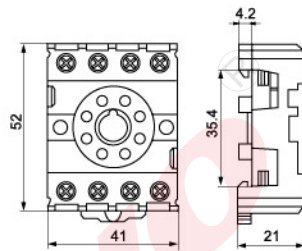
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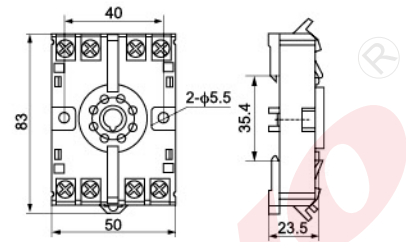
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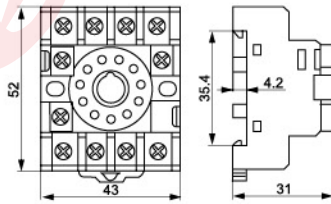
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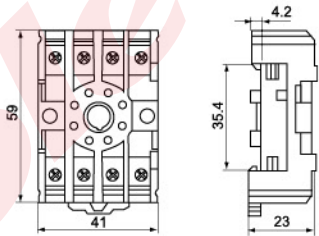
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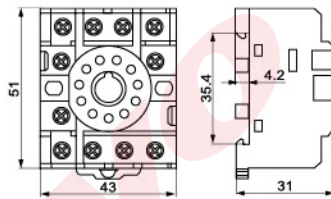
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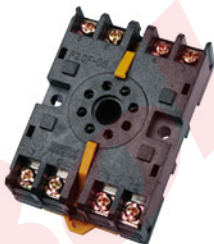
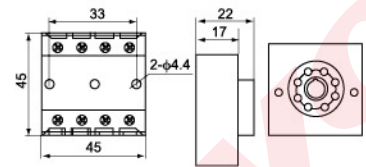
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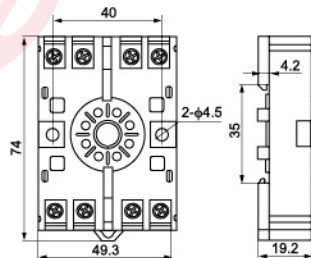
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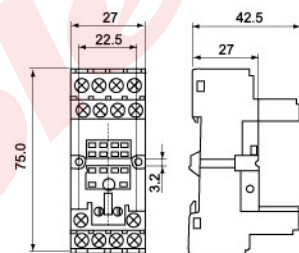
P3G-08



P2CF-08



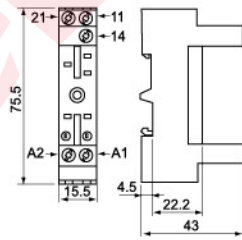
RT704



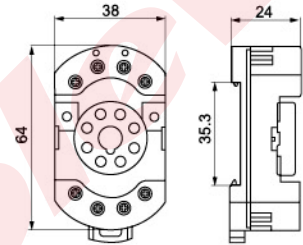
Relay Socket



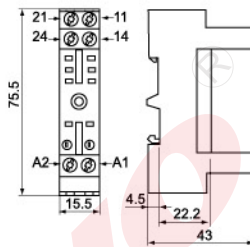
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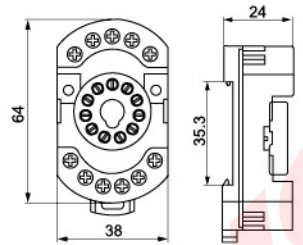
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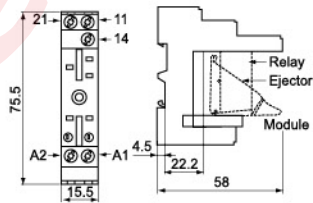
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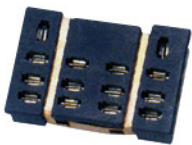
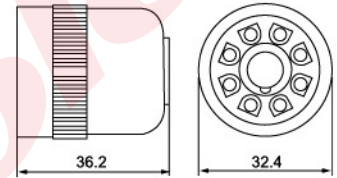
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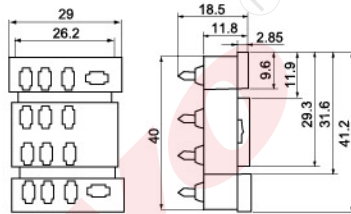
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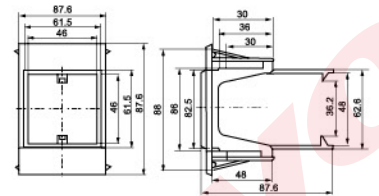
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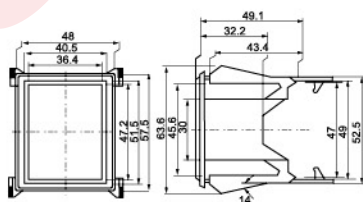
PT-14A



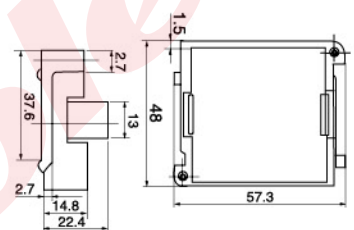
Y-57



Y-40



Y-48



Power Pushbutton Switch

Application

BS power push button switch is applicable to the motor of the voltage up to 500V and the capacity up to 3KW for directly starting run and breaking, also for infrequently turning on and off loaded current. It's characteristic of accurate on-off, safe and reliable, high intensity of machinery and widely used in machine tools, textile machinery, etc. The switch is the best choice for machinery power.

Technical specification:

Type	No. of phases	Rated voltage (V)	Applicable motor capacity KW	Resistance load (A)	Weight (kg)	L × B × H
BS-210B	2,3	600	1.1 at 220V	7.5(10)	0.13	90 × 44 × 49
BS-215B	2,3	600	2.2 at 220V	15(20)	0.18	93 × 53 × 54
BS-230B	2,3	600	3.7 at 220V	(30)	0.22	112 × 62 × 56

Technical specification:

Type	Rated voltage (V)	Applicable motor capacity KW (HP)	Resistance load (A)	Weight (kg)	L × B × H
BS-215H	600	1.65 at 220V	7.5(10)	0.18	114 × 59 × 55
BS-215F	600	1.65 at 220V	7.5(10)	0.22	114 × 59 × 55
BS-230H	600	3.3 at 220V	(30)	0.18	114 × 59 × 55
BS-230F	600	3.3 at 220V	(30)	0.22	114 × 59 × 55

Hour Meter

Item NO.	SYS
Supply Voltage	DC12~36V,30~60V
Dimensions	54 × 32 × 58.5mm
Time Range	0-9999.9Hours
Net Weight	50g

1. Technical specifications

Item NO.	HM-1
Supply Voltage	AC110V,220V/50Hz
Dimensions	48 × 48 × 40mm
Time Range	0-99,999.99Hours
Net Weight	50g



HOUR METER

Overall and mounting dimensions(mm)



Type	Counting range	Installation	Front panel mm	Installation ou-tout mm	10-80VCD/AC (50/60Hz) Best-number	100-120VOD/AO (60/60Hz) Best-number	100-120VOD/AO (60/60Hz) Best-number	100-120VCD/AC (50/60HZ) Best-number
HM142-1	99,999.9	Front panel installation with snap-in mounting or with supplied anchor clamp	48 x 48	46 x 46	HM142-M0-50	HM142-1-110-60 HM142-1-110-80	HM142-1-220-60 HM142-1-220-80	HM142-1-100-50
HM142-3	99,999.9	Plug-in base with rapid mounting facility for 35mm stand mounting rail incl	48 x 48	46 x 46	HM142-3-10-50	HM142-3-110-60 HM142-3-110-80	HM142-3-220-60 HM142-3-220-80	HM142-3-100-50
HM143-1	99,999.9	Front panel installation with snap-in or anchor clamp securing incl	52 x 52	46 x 46 or Φ 50	HM143-M0-50	HM143-1-110-60 HM143-1-110-80	HM142-3-220-60 HM142-3-220-80	HM143-1-100-50
HM143-3	99,999.9	Plug-in base with rapid mounting facility for 35mm stand mounting rail incl	52 x 52	46 x 46 or Φ 50	HM143-3-10-50	HM143-3-110-60 HM143-3-110-80	HM142-3-220-60 HM142-3-220-80	HM143-3-100-50

HOUR METER

Specifications



Supply voltage:	Driven by built-in battery	Display:	6.7mmLCD
Input signal:	Relay or switch contact T r a n s i s t o r input	Weight:	Appro x 60g
Reset system:	External reset and manual reset	Operating temperature:	-10~+40°C
Nonvoltage Input signal:	Short-circuit impedance: 10K Ω max Open impedance: 500K Ω min short-circuit residual voltage 0.5v max	Humidity: Reset signal:	35%-85%RH \geq 0.25
Batter Life:	\geq 8 Years	Accuracy:	T0.02%

COUNTER

Technical specification:



Specs.	Models	CSK4-YKW/NKW/LKW CSK5-YKW/NKW/LKW CSK6-YKW/NKW/LKW	
	Voltage		AC110V, 220V
Tolerance		Rated Voltage -15%~+10%	
Consumption		3VA	3.5W
Counting Speed		10CPS	20CPS
Life		2 0 ,000,000 Times	
DIELECTRICSTRENGTH		AC -1,500V(50/60Hz)1 minute (Dielectric)	

Item N O.	Dimensions				
	A,	B,	C,	A ₂	C ₂
CSK4-YKW/NKW/LKW	60	50	36.5	40	35
CSK5-YKW/NKW/LKW	67	57	42	46	41
CSK6-YKW/NKW/LKW	72	63	47	51.5	46.5

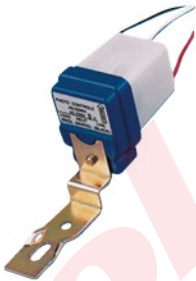
COUNTER

Specifications

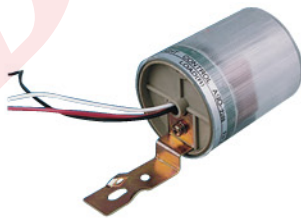


Supply voltage:	Driven by built-in battery	Display:	6.7mmLCD
Input signal:	Relay or switch contact T r a n s i s t o r input	Weight: Operating temperature:	Approx 60g -10~+40°C
Voltage Input signal:	Live: 0-2V H live: DC5-30(AHC6J6v(A)H/AHC3J-8V(A)H)	Reset system:	External reset and manual reset
Nonvoltage Input signal:	Short-circuit impedance: 10KΩ max Open impedance: 500KΩ min short-circuit residual voltage 0.5v max	Reset signal: Humidity:	≥0.2S 35%-85%RH
Maximun counting:	10cp (signal width >50mS)	Batter Life:	≥6 Years
Speed:	200cp (signal width >50mS)		

PHOTO-ELECTRIC LIGHT CONTROL




ORDER CODE NO	RATING
AS-2203	AC 220V 3A
AS-2206	AC 220V 6A
AS-22010	AC 220V 10A
AS-11003	AC 110V 3A
AS-11006	AC 110V 6A
AS-11010	AC 110V 10A



ORDER CODE NO	RATING
ASO-2203	AC 220V 3A
ASO-2206	AC 220V 6A
ASO-22010	AC 220V 10A
ASO-22015	AC 220V 15A
ASO-22020	AC 220V 20A
ASO-11003	AC 110V 3A
ASO-11006	AC 110V 6A
ASO-11010	AC 110V 10A
ASO-11015	AC 110V 15A
ASQ-11020	AC 110V 20A

Photo-Electric Light Control

CLASSIFICATION		3-PHASE SEQUENCE VOLTAGE PROTECTION RELAY		
MODEL		APR-4D	APR-VT	APR-VTS
APPEARANCE				
DIMENSIONS(mm)		59H × 40W × 72.4D		
MOUNTING FORM		DIN RAIL		
RATED VOLTAGE		AC: 22V, 230V, 240V, 380V, 400V, 415V, 440V		
OPERATING VOLTAGE RANGE		RATED VOLTAGE ± 15%	RATED VOLTAGE+30%?c ADJUSTABLE	RATED VOLTAGE130I ADJUSTABLE, TBffi ADJUSTABLE
POWER FREQUENCY		50HZ/60HZ		
INSULATION RESISTANCE		≥100mΩ		
DIELECTRIC STRENGTH	BETWEEN INPUT CIRCUIT AKDOOUTPUT CIRCUIT	AC 2000V		
	BETWEEN CONTACT	AC 1000V		
CONTACT		AC 250V 5A COSΦ= 1		
DELAY TIME		MA X5S		0.1~10s ADJUSTABLE 0.1~10s
CONSUMED POWER		≤2VA		
LIFE	ELECTRICAL	≥10 times≥10 ⁶ 次		
	MECHANICAL	≥10 times≥10 ⁷ 次		
AMBIENT TEMPERATURE		-10~+50℃		
AMBIENT HUMIDITY		35~85%RH		
WEIGHT		110G		