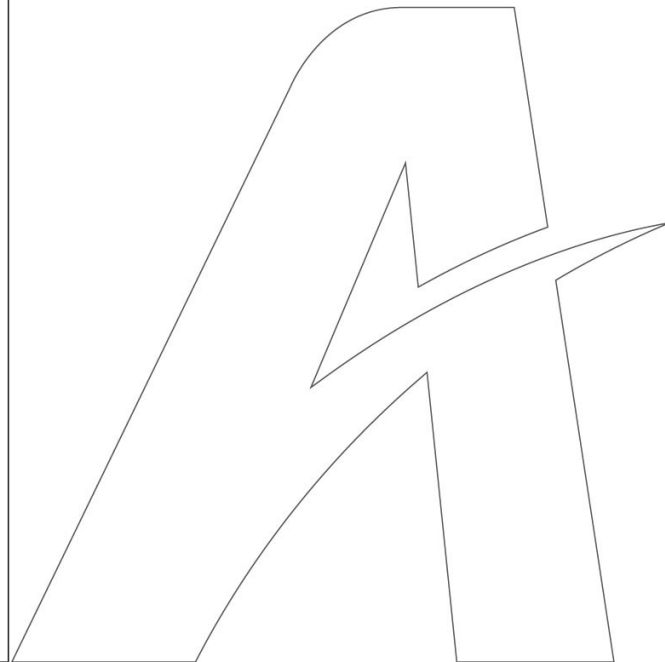
 Specifications and technical data are subject to change without notice.  
Please contact us to confirm relevant information on ordering.



CONTROL ELECTRIC

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**Shanghai Ebasee Electric Co., Ltd**

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APP

**Ebasee**  
Smart Living Green Ebasee  
**Ebasee Ltd.,China**

## Company Profile

As a leading supplier in the low voltage electrics industry, Shanghai Ebasee Electric Co., Ltd. products have been used for residential, commercial and industrial applications with its quality and service. EBASEE brand is recognized for its quality and reliability in an ever-increasing number of markets worldwide. So far EBASEE products have gained many international approvals, such as **TUV, KEMA, CB, SEMKO, RoHS, CE, and CCC** etc.

With quality raw materials and components supply, all products are manufactured to EBASEE's defined specifications. We have 4 semi-auto production lines, up to date quality control facilities, and well-trained skillful workers. Moreover, with a technical R & D team and fully equipped in-house laboratory, EBASEE factory can carry out efficient new products developing and daily production QC as well.

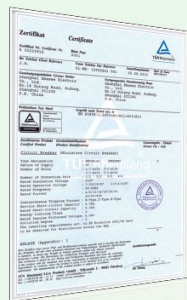
EBASEE have wide range cooperations with world leading companies in new products developing or OEM, ODM cooperation. Meanwhile we also process industry cooperation on intelligent home products, and work with some university such as Xi'an Jiao Tong University on project solutions. EBASEE is focused on achieving growth through the growth and success of its worldwide partners.

EBASEE, guided by the "market-oriented" philosophy, powered with the "Quick response and flexible supply" capability, can support our worldwide partners to compete against established global players to deliver the most comprehensive and cost-effective products and service in the market.

"Smart life, Green EBASEE"




## Enterprise credit


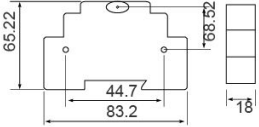





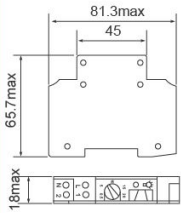
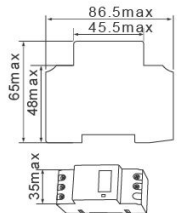
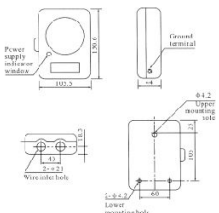
# Time Relay

Classification		Multi Range Timer			
Model	ST3P	H3BA-□		H3CA-8	H3CA-A
Appearance					
Dimensions	55H×40.5W×57.5D	48H×48W×93.5D		48H×48W×81.6D	48H×48W×81.6D
Mounting & Socket	Surface(-N)	PF-083A(E)	PF113A(E) P2CF08 PS-08	PS-08 P2CF08	PF113A(E)
	Flush(-Y)	US-08 P3G-08	US-11 PG-08 US-08	US-08 P3G-08	US-11
Full Timing Range	A:0.05-0.5s/5s/30s/3min B:0.1-10s/60s/6min C:0.5-5s/50s/5min/30min 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	0.5SEC~100HRS		0.1SEC~9990HRS	0.1SEC~9990HRS
Rated Voltage	AC(V):24~220 DC(V):24~110(50/60Hz)	24 to 240V DC/AC DC(V):12,24,48 AC(V):24,50,110,220		24 to 240V DC/AC DC(V):12,24,48 AC(V):24,50,110,220	24 to 240V DC/AC DC(V):12,24,48 AC(V):24,50,110,220
Indicator Operation	ON,UP Operation	Time Operation flicker		LCD	LCD
O/P Contact	Model	ST3PA ST3PC	H3BA H3BA-8 H3BA-8H	H3CA-8	H3CA-A
	Time Limit 1C	5A	5A	5A	5A
	Time Limit 2C	5A	5A	5A	5A
Life	Instantaneous 1C	5A	5A	5A	5A
	Mechanical	5×10 <sup>7</sup> times	10 <sup>7</sup> times	10 <sup>7</sup> times	10 <sup>7</sup> times
Accuracy	Electrical	10 <sup>6</sup> times	10 <sup>6</sup> times	10 <sup>6</sup> times	10 <sup>6</sup> times
	Repeat Error	±2% max	±2% max	±2% max	±2% max
	Setting Error	±5% max	±5% max	±5% max	±5% max
	Voltage Error	±5% max	±5% max	±5% max	±5% max
Temp.Error	±2% max	±2% max	±2% max	±2% max	
Reset Time	0.5 sec max	0.5 sec max	0.5 sec max	0.5 sec max	
Consumed Power	2VA	100~240VAC:10VA 12VDC, 24~240VDC:1.5W		100~240VAC:10VA 12VDC,24~240VDC:1.5W	100~240VAC:10VA 12VDC,24~240VDC:1.5W
Ambient Temperature	-10°C~+55°C	-10°C~+55°C		-10°C~+55°C	-10°C~+55°C
Ambient Humidity	35~85%RH	35~85%RH		35~85%RH	35~85%RH
Weight	100g	100g		100g	100g

Classification		Timer		Multi Range Timer		Timer	
Model	H3-□	H3-□□		H3-N□		H3Y-□	
Appearance							
Dimensions	50H ×40W × 57.5D	50H ×40W× 57.5D		50H ×40W× 57.5D		28H x 21W x 52.6D	
Mounting & Socket	Surface(-N)	PF083A(E)		PF083A(E)		PYF08A(E) PYF14A(E)	
	Flush(-Y)	US-08 P3G-08		US-08 P3G-08		With Y-20 adapter	
Full Timing Range	SEC:1,3,6,10,12,30,60 MIN:3,6,10,12,30,60 HR:3,6,10,12,30	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		SEC:1,3,5,10,30,60,120 MIN:3,5,10,30,60 HR:3	
Rated Voltage	DC(V):12,24 AC(V):12,24,110,220, 240,380, 50/60Hz	DC(V):12,24 AC(V):12,24,110,220, 240,380, 50/60Hz		DC(V):12,24 AC(V):12,24,110,220, 240,380, 50/60Hz		DC(V):12,24 AC(V):12,24,110,220,240 50/60Hz	
Indicator Operation	ON-UP Operation	ON-UP Operation		Time Operation flicker		Power, up Operation	
O/P Contact	Model	H3-1 H3-2 H3-3	H3-1□ H3-2□ H3-3□	Mode A/B		H3Y-2	H3Y-4
	Time Limit 1c	5A	5A	5A	5A	5A	5A
	Time Limit 2c	5A	5A	5A	5A	5A	3A(4C)
	Instantaneous 1c	5A	5A	5A	5A	5A	5A
Life	Mechanical	5× 10 <sup>6</sup> times		5× 10 <sup>6</sup> times		5× 10 <sup>6</sup> times	
	Electrical	10 <sup>5</sup> times		10 <sup>6</sup> times		10 <sup>6</sup> times	
Accuracy	Repeat Error	± 1% max		± 1% max		± 3% max	
	Setting Error	□ 10% max		□ 10% max		□ 10% max	
	Voltage Error	□ 1% max		□ 1% max		□ 2% max	
	Temp.Error	□ 2% max		□ 2% max		□ 5% max	
Reset Time	0.1 sec max		0.1 sec max		0.1 sec max		
Consumed Power	2VA		2VA		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	160g		160g		45g		

Classification		Timer			
Model	UL18lh	YN 16lh	UL180a	UL160a	
Appearance					
Contact capacity	AC220V 16A	AC220V 16A	AC230V 16A	AC220V 16A	
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 <sup>6</sup> times	10 <sup>6</sup> times	10 <sup>6</sup> times	
	Mechanical	10 <sup>7</sup> times	10 <sup>7</sup> times	10 <sup>7</sup> times	
Operating temperature	-40°C~+55°C	-40°C~+55°C	-10°C~+50°C	-40°C~+55°C	
Dimensions(mm)					
Battery (working reserve)	Time 150h	Without battery	Time 70h	Without battery	
Minimum setting unit	30Minutes	30Minutes	15Minutes	15Minutes	
Set up times	30m/per times 48 times	30m/per times 48 times	15m/per times 96 times	15m/per times 96 times	

Classification		E8
Model	E8	
Appearance		
Contact capacity	AC220V 10A	
Full timing range	7m	
Contact resistance	≤ 50mΩ	
Insulation resistance	≥ 100mΩ	
Coil voltage	110,230VAC	
Life	Electrical	10 <sup>6</sup> times
	Mechanical	10 <sup>7</sup> times
Operating temperature	-40°C~+50°C	
Battery (working reserve )	Without battery	
Minimum setting unit	1M, 1.5M,2M,2.5M,3M,3.5M,4.5M,5M,5.5M,6M,6.5M,7M,	
Set up times	0.5 Minutes	
Dimensions(mm)		

Classification		Timer		
Model	RC 18	HC18A	TB-35	
Appearance				
Contact capacity	AC220V 16A	12AAC250V	AC220V 10A	
Full timing range	20m	1NC/1NO	24h	
Contact resistance	≤ 50mΩ	≤ 2/day	≥ 50mΩ	
Insulation resistance	≥ 100MΩ	AC220V 50/60HZ 85% 110%	≤ 100MΩ	
Coil voltage	110,230V AC	110,220V AC	110,230,240V AC	
Life	Electrical	10 <sup>6</sup> times	10 <sup>6</sup> times	10 <sup>5</sup> times
	Mechanical	10 <sup>6</sup> times	10 <sup>6</sup> times	10 <sup>7</sup> times
Operating temperature	-40°C~+55°C	0°C~+40°C	-40°C~+55°C	
Dimensions(mm)				
Battery (working reserve)	----	----	Without Battery	
Minimum setting unit	0.5Minutes	0.5Minutes	15Minutes	
Set up times	0.5M,5M,10M,15M,20M	1M, 1.5M, 2M, 2.5M, 3M, 3.5M, 4M, 4.5M, 5M, 5.5M, 6M, 6.5M,7M	15 mper times 96 times	
Remarks	----	15 days	TB-38B with battery reserve 150h	

**Power Relay Series**

