



DAQCN[®] Electric

SINCE 1996

TIMER PRODUCT CATALOG

Ideal For Time And Light control

**24-Hours Analog Timer
Weekly Digital Timer
Power Time Switch
Hour Running Meter**

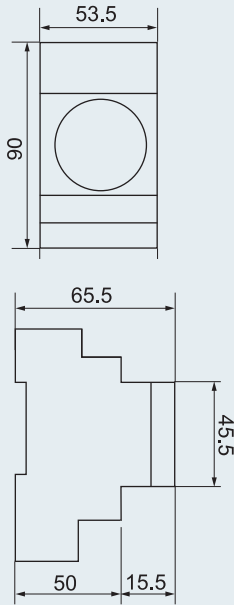


24-HOUR ANALOG TIMER

24 小时定时器

本产品能根据用户设定的时间，自动打开和关闭各种用电设备的电源。控制对象可以是路灯、灯箱、霓虹灯、生产设备、农业养殖、仓库排风除湿、自动预热、广播电视设备等最理想的控制产品。

The products according to the time set by the user, automatically turn on and turn off the variety of electrical equipment. Control object can lights, light boxes, neon signs, production equipment, agriculture, aquaculture, warehouse exhaust dehumidifier automatically preheat optimal control products, such as radio and television equipment.



型号	SUL181d
工作电压	AC 110V/220V/240V 50-60Hz
电力消耗	2.5VA
触点容量	AC 220V 16A
接触电阻	$\leq 50\text{M}\Omega$
绝缘电阻	$\geq 100\text{M}\Omega$
工作环境温度	$-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$
晶振准确性	$\leq 2\text{S/天 } 25^{\circ}\text{C}$
输出接点能力	控制灯：1000W 阻性负载：16A/250VAC($\cos\Phi=1$) 感性负载：3A/250VAC($\cos\Phi=0.6$)
断电保护	充电 24 小时，断电后可持续工作 200 小时
时间范围	24h
储电时间	200h (220V) ， 100h (110V)
最小设定单位	15 分
设定次数	15 分 / 次 96 次
外形尺寸	90×54×65mm
重量	152g
安装方式	导轨安装

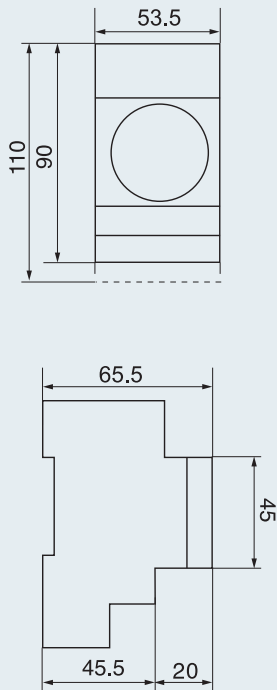
Item No.	SUL181d
Operating Voltage	AC 110V/220V/240V 50-60Hz
Power Consumption	2.5VA
Contact Capacity	AC 220V 16A
Contact Resistance	$\leq 50\text{M}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Operating Temperature	$-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$
Accuracy	$\leq 2\text{S/day } 25^{\circ}\text{C}$
Contact Capacity	Lamp Load : 1000W Resistive Load : 16A/250VAC($\cos\Phi=1$) Inductive Load : 3A/250VAC($\cos\Phi=0.6$)
Working reserve time	200 hours after recharging 24 hours
Full Timing Range	24h
Storage Battery	200h (220V) ， 100h (110V)
Minimum Setting Unit	15 Minuters
Setup Times	15 Minuters/time 96 Time
Dimension	90×54×65mm
Weight	152g
Installing Mode	DIN rail mounting

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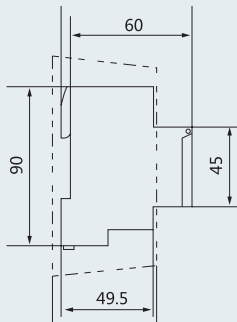
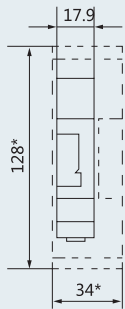
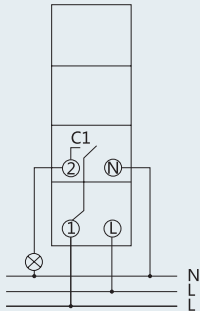
型号	SUL181h	SUL161h
工作电压	AC 110V/220V/240V 50-60Hz	
电力消耗	2.5VA	2.5VA
触点容量	AC 220V 16A	AC 220V 16A
接触电阻	$\leq 50M\Omega$	$\leq 50M\Omega$
绝缘电阻	$\geq 100M\Omega$	$\geq 100M\Omega$
工作环境温度	$-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$
晶振准确性	$\leq 2\text{S}/\text{天 } 25^{\circ}\text{C}$	$\leq 2\text{S}/\text{天 } 25^{\circ}\text{C}$
输出接点能力	控制灯：1000W 阻性负载：16A/250VAC(cosΦ=1) 感性负载：3A/250VAC(cosΦ=0.6)	
断电保护	充电 24 小时，断电后可持续工作 150 小时	
时间范围	24h	24h
储电时间	150h	不带电池
最小设定单位	30 分	30 分
设定次数	30 分 / 次 48 次	30 分 / 次 48 次
外形尺寸	90×54×65mm	90×54×65mm
重量	152g	152g
安装方式	导轨安装	导轨安装

Item No.	SUL181h	SUL161h
Operating Voltage	AC 110V/220V/240V 50-60Hz	
Power Consumption	2.5VA	2.5VA
Contace Capasity	AC 220V 16A	AC 220V 16A
Contact Resistance	$\leq 50M\Omega$	$\leq 50M\Omega$
Inaulation Resistance	$\geq 100M\Omega$	$\geq 100M\Omega$
Operating Temperature	$-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$
Accuracy	$\leq 2\text{S}/\text{day } 25^{\circ}\text{C}$	$\leq 2\text{S}/\text{day } 25^{\circ}\text{C}$
Conract Capacity	Lamp Load : 1000W Resistive Load : 16A/250VAC(cosΦ=1) Inductive Load : 3A/250VAC(cosΦ=0.6)	
Working reserve time	150 hours after recharging 24 hours	
Full Timing Range	24h	24h
Stonage Battery	150h	Without Battery
Minimum Setting Unit	30 Minuters	30 Minuters
Setup Times	30 Minuters/time 48 Time	30 Minuters/time 48 Time
Dimension	90×54×65mm	90×54×65mm
Weight	152g	152g
Installing Mode	DIN rail mounting	DIN rail mounting

24-HOUR ANALOG TIMER

24 小时定时器

- ◆ 24 小时定时器
- ◆ 1 通道
- ◆ 每日编程
- ◆ 带电池储存
- ◆ 96 次开关
- ◆ 石英控制
- ◆ 最小开关时间：15 分
- ◆ 螺丝端子连接
- ◆ 24-Hour analog time
- ◆ 1 Channel
- ◆ Daily Program
- ◆ With power reserve(exchangeable NIMH rechargeable battery)
- ◆ 96 Switching segments
- ◆ Quartz controlled
- ◆ Shortest switching time:15 minutes
- ◆ Screw terminals



Item No. 型号	SUL180a
Operating Voltage 工作电压	230~240 V AC
Frequency 频率	50~60 Hz
Number of channels 通道数	1
Width 宽度	1 modules
Installation Type 安装方式	DIN rail
Type Of Connection 类型的连接	Screw Terminals
Drive 驱动方式	Quartz-controlled stepper motor
Program 编程	Daily program
Power Reserve 储电时间	3 Days
Switching Capacity 开关容量	250V Ac,Cosφ=1 16A 250V Ac,Cosφ=0.6 4A
Incandescent/Halogen Lamp Load 灯负载功率	1000W
Shortest Switching Times 最小开关时间	15 min 15 分
Time Accuracy At 25 °C 精确度在 25°C	≤ ±1 s/day(quartz)
Type Of Contact 触点类型	NO contact
Number Of Switching Segments 开关次数	96
Stand-By Consumption 待机消耗	~0.5W
Type Of Protection 防护等级	IP 20
Protection Class 防护标准	II according to EN 60 730-1
Ambient Temperature 工作温度	-10°C ~+50°C

STAIRCASE DELAY TIMER

楼道延时开关

- ◆ 控制照明电路在预设的时间后自动断开
- ◆ 简洁的设计带 2 位选择，可选择永久开或者照明时间控制
- ◆ 可调延时设置从 30 秒到 10 分钟。
- ◆ 宽度 =17.5MM
- ◆ To provide control of lighting circuits with automatic switch-off after a pre-set time.
- ◆ Compact design with a 2 position switch permanent/time lighting control facility.
- ◆ Adjustable time delay setting 30 sec to 10 minutes.
- ◆ 1 Mod=17.5 mm.



型号	DQ001
触点类型	1NO
额定电压	195/230/253 V
分断能力	16A 250V AC1
最大功率	2300 W
连接类型	螺丝
可承受电流	16A
连接软性电线	1/6mm ²
连接刚性电线	1.5/10mm ²
安装类型	导轨
频率	50/60Hz
工作温度	-10 to 55 °C
储存温度	-20 to 60 °C
防护等级	IP 20

Item No.	DQ001
Type Of Contacts	1NO
Rated Operational Ac Voltage	195/230/253 V
Breaking Capacity	16A 250V AC1
Max.power With Incandescent Lamps	2300 W
Type Of Connection	With Screw
Acceptable Current Rating With Ac1	16A
Connection Cross-Sect. Flexible Cable	1/6mm ²
Connection Cross-Sect. Rigid Cable	1.5/10mm ²
Fixing Mode	Din-Rail
Frequency	50/60Hz
Operating Temperature	-10 to 55 °C
Storage Temperature	-20 to 60 °C
Protection Grade	IP 20

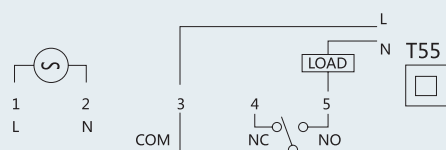
PROGRAMMABLE WEEKLY TIMER

可编程周定时器

本产品能根据用户设定的时间，自动打开和关闭各种用电设备的电源。控制对象可以是路灯、灯箱、霓虹灯、生产设备、农业养殖、仓库排风除湿、自动预热、广播电视设备等最理想的控制产品。

内置锂电池，高精度、工业级芯片、强抗干扰。

The products according to the time set by the user, automatically turn on and turn off the variety of electrical equipment. Control object can lights, light boxes, neon signs, production equipment, agriculture, aquaculture, warehouse exhaust dehumidifier automatically preheat optimal control products, such as radio and television equipment. Lithium battery inside, high-precision, industrial-grade chips, strong anti-jamming.



Item No.

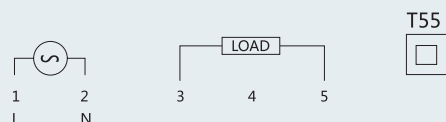
Input Voltage 输入电压

- 1、100V-130Vac
- 2、200V-250Vac
- 3、24Vac/dc
- 4、12Vac/dc

TM-619

μ —○—

16(8)A/250V~
20A/125Vac
8A FLA, 250Vac
0.5HP 250/125Vac
16A/30VDC--



Item No.

Input Voltage 输入电压

- 1、100V-130Vac
- 2、200V-250Vac
- 3、24Vac/dc
- 4、12Vac/dc

TM-619L

μ —○—

16(8)A/250V~
20A/125Vac
8A FLA, 250Vac
0.5HP 250/125Vac
16A/30VDC--



Item No.

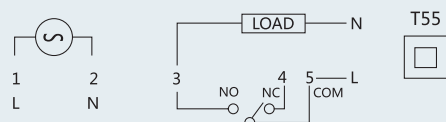
Input Voltage 输入电压

- 1、100V-130Vac
- 2、200V-250Vac
- 3、24Vac/dc
- 4、12Vac/dc

TM-619H

μ —○—

30Amp 250Vac 50/60Hz
1HP 125Vac, 2HP 250Vac
20Amp 30VDC--



Item No.

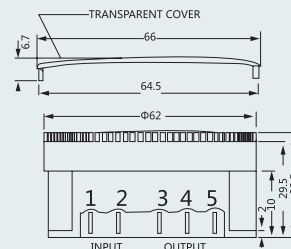
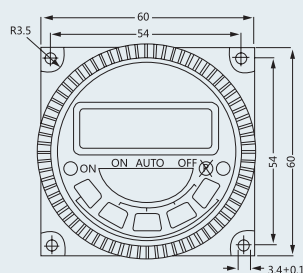
Input Voltage 输入电压

- 1、100V-130Vac
- 2、200V-250Vac
- 3、24Vac/dc
- 4、12Vac/dc

TM-619N

μ —○—

30Amp 250Vac 50/60Hz
1HP 125Vac, 2HP 250Vac
20Amp 30VDC--



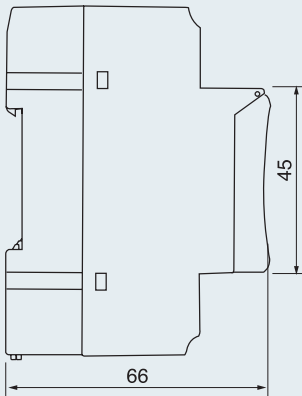
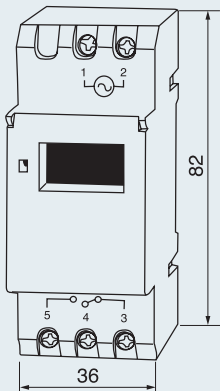
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型号	DHC15A/DHC20A
工作电压	AC220V/AC110V 50HZ/60HZ
电力消耗	4.5VA/7.5VA
工作环境温度	-10~+-50°C
晶振准确性	≤ 2 秒 / 天
最小设置时间	1 分钟
时间控制范围	1 分钟 ~168 小时
输出接点能力	控制灯：1000W 阻性负载：16A/250VAC(cosΦ=1) ; 控制灯：2500W 阻性负载：20A/250VAC(cosΦ=1)
断电保护	3 年
外形尺寸	81×36×66mm
重量	125g
安装方式	导轨安装
编程	16 开 16 关 /18 次 脉冲

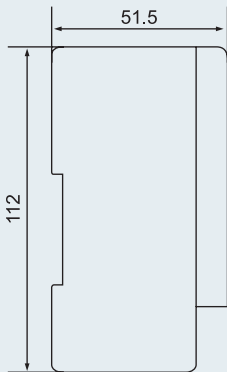
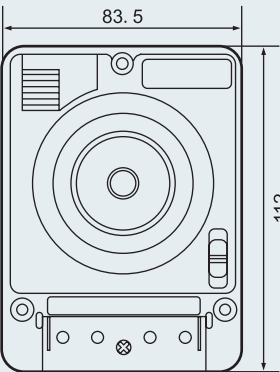
Item No.	DHC15A/DHC20A
Operating Voltage	AC220V/AC110V 50HZ/60HZ
Power Consumption	4.5VA/7.5VA
Operating Temperature	-10~+-50°C
Accuracy	≤ 2Seconds / day
Minimum Setting Unit	1 Minuters
Time Setting Range	1 Minuters~168 hours
Contact Capacity	Lamp Load : 1000W Resistive Load : 16A/250VAC Lamp Load : 2500W Resistive Load : 20A/250VAC
Working Reserve Time	3 years
Dimension	81×36×66mm
Weight	125g
Mounting	DIN rail mounting
Program	16 on 16off/18 times pulse

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型号	TB388
工作电压	AC 110V/220V/240V 50-60Hz
电力消耗	2.5VA
触点容量	AC 220V 16A
接触电阻	$\leq 50\text{M}\Omega$
绝缘电阻	$\geq 100\text{M}\Omega$
工作环境温度	$-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$
晶振准确性	$\leq 2\text{S}/\text{天 } 25^{\circ}\text{C}$
输出接点能力	控制灯：1000W 阻性负载：16A/250VAC(cos Φ =1) 感性负载：3A/250VAC(cos Φ =0.6)
断电保护	充电 24 小时，断电后可持续工作 150 小时
时间范围	24h
储电时间	150h
最小设定单位	15 分
设定次数	15 分 / 次 96 次
重量	260g
安装方式	导轨安装

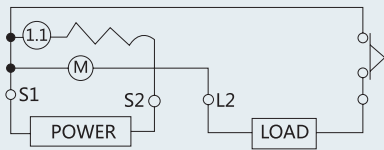
Item No.	TB388
Operating Voltage	AC 110V/220V/240V 50-60Hz
Power Consumption	2.5V
Contact Capacity	AC 220V 16A
Contact Resistance	$\leq 50\text{M}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Operating Temperature	$-40^{\circ}\text{C} \sim +55^{\circ}\text{C}$
Accuracy	$\leq 2\text{S}/\text{day } 25^{\circ}\text{C}$
Contact Capacity	Lamp Load : 1000W Resistive Load : 16A/250VAC(cos Φ =1) Inductive Load : 3A/250VAC(cos Φ =0.6)
Working reserve time	150 hours after recharging 24 hours
Full Timing Range	24h
Storage Battery	150h
Minimum Setting Unit	15 Minuters
Setup Times	15 Minuters/time 96 Time
Weight	260g
Installing Mode	DIN rail mounting

24-HOUR ANALOG TIMER

24 小时定时器

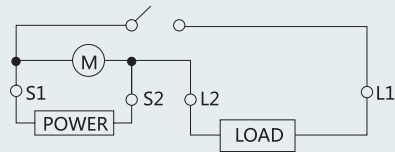
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TB17

型号	TB17
工作电压	200-240VAC 50/60HZ
触点形式	延时 1 转换
动作形式	定时动作
延时范围	24 小时
最小设定单位	15 分
最小间隔时间	30 分



TB35

Item No.	TB17
Voltage	200-240VAC 50/60HZ
Contact	Timed SPDTc
Operation	Time operation
Timing range	24 hours
Minimum Setting Unit	15min
Minimum Interval Time	30min

型号	TB35
工作电压	AC 110-240V 50/60HZ
触点形式	延时 1 转换
延时范围	24 小时
最小设定单位	15 分
最小间隔时间	30 分

Item No.	TB35
Voltage	AC 110-240V 50/60HZ
Contact	Timed SPDTc
Timing range	24 hours
Minimum Setting Unit	15min
Minimum Interval Time	30min

HOUR METER

累时器

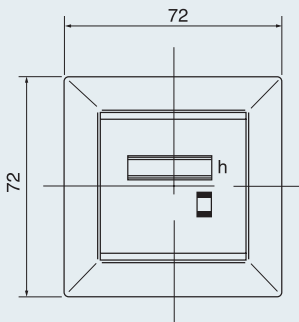
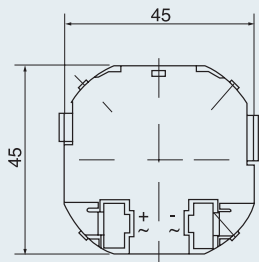
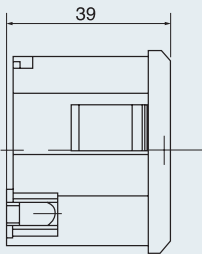
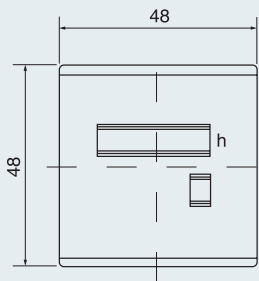
该累时器为机械式累时器，广泛应用于各种机器、设备及安装中(加环保设备、发电机)。用来显示机器、设备、装备的累计工作时间。机械式累加，最长累计时间长达 11 年。停电后仍能保持数据。

This hour meter is mechanical type.Widely applied in each Kind of machine,equipment and device(such as environmental protection equipment generator etc).Used for demonstrate the machine,the equipment,the devive accumulation operating time.It is mechanical type accumulation,the longest time for accumulation time can be 11 years.It still can maintain the data after the power cut.



型号	BZ142-1	BZ142-2	BZ142-3
工作电压	AC 24 , 48 , 110 , 127 , 220 , 240 , 380		DC 10-80V
频率	50Hz	60Hz	
累时范围	0-99,999.99 小时		
外形尺寸	48×48×40mm		
重量	50g		
安装方式	嵌入式		

Item No.	BZ142-1	BZ142-2	BZ142-3
Operating Voltage	AC 24 , 48 , 110 , 127 , 220 , 240 , 380		DC 10-80V
Ferquency	50Hz	60Hz	
Time Range	0-99,999.99 hours		
Dimension	48×48×40mm		
Net Weight	50g		
Mounting	Insert Type		

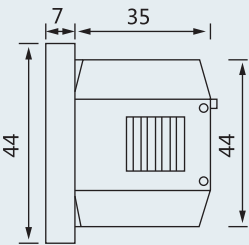
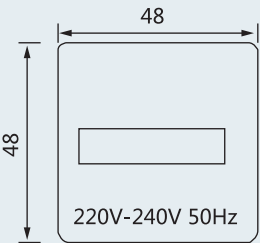


HOUR METER

累时器

该累时器为机械式累时器，广泛应用于各种机器、设备及安装中(加环保设备、发电机)。用来显示机器、设备、装备的累计工作时间。机械式累加，最长累计时间长达 11 年。停电后仍能保持数据。

This hour meter is mechanical type. Widely applied in each Kind of machine, equipment and device (such as environmental protection equipment generator etc). Used for demonstrate the machine, the equipment, the device accumulation operating time. It is mechanical type accumulation, the longest time for accumulation time can be 11 years. It still can maintain the data after the power cut.



型号	HM-1	HM-2	HM-3
工作电压	AC 24, 110, 220, 240		DC 10-60V
频率	50Hz	60Hz	
累时范围	0-99,999.99 小时		
外形尺寸	48×48×35mm		
重量	50g		
安装方式	嵌入式		

Item No.	HM-1	HM-2	HM-3
Operating Voltage	AC 24, 110, 220, 240		DC 10-60V
Ferquency	50Hz	60Hz	
Time Range	0-99,999.99 hours		
Dimension	48×48×35mm		
Net Weight	50g		
Mounting	Insert Type		

DAQCN®



TaiBang

They are a registered trademark of our company , which belongs to WENZHOU DAQUAN ELECTRIC CO., LTD.
他们是我们公司的注册商标 , 属于温州大全电气有限公司。

DAQCN®

大全电气有限公司

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