



Timers are used to adjust operation time in different applications.

MIKRA - Taiwan **MIKRA**

Ordering Information

Order No	Model No	Product	Voltage
225 451	JSY-3D	Digital Timer	

Technical Details

JSY - 3D	
Mounting	Flush mounting : Socket base P3G08 or US08
Output Capacity	Alternative by DIP switch : Mode A : DPDT (2 Time-limit contacts) Mode B : Instantaneous contact + Time-limit contact
Features	• Error-free digital setting and LED display. • Wide rated time range : 2-digit Timer ---- from 0.99 sec to 99 hour 3-digit Timer ---- from 99.9 sec to 999 hour
Output Capacity	JSY-3D : 99 Sec, 9.9 Sec, 99 Sec, 9.9 Min, 99 Min, 9.9 Hr, 99 Hr.
Rated Voltage	50/60Hz 12VDC, 24VAC/DC, 110VAC, 220VAC
Mechanical Life	10 × 10 ⁶ Times
Electrical Life	5 × 10 ⁵ Times
Reset Time	0.1 Sec Max
Reset Accuracy	±0.2% Max
Setting Accuracy	±5% Max
Voltage Accuracy	±0.5% Max
Temperature Accuracy	±2% Max
Ambient Temp & Humidity	-10°C~55°C, 85% Max

JSY-3D



Ordering Information

Order No	Model No	Product	Voltage
232 300	TS18	24 hrs Timer	

Technical Details

TS18





Different types of Relays are used in control circuits to control different processes.



Ordering Information

Order No	Model No	Product	Voltage
251 330	BCA03	Current Monitoring	220V AC
251 323	BXA04	Voltage Monitoring	
251 360	BWL05	Liquid Leakage Detector	220V AC
251 370	BRB08	Relay Base	

Technical Details

BCA03



BXA04



BWL 05



	BXA04	BCA03
Supply	Self Power	220V AC/24V DC $\pm$ 15%
Input	0 - 500VAC L-L	0.5 - 5.5 A AC
Frequency	50/60Hz $\pm$ 10%	50/60Hz $\pm$ 10%
Repeat Accuracy	Better than $\pm$ 1%	-
Hysteresis	3V	3% $\times$ I-set
Delay Time	0.1 - 25 Sec	0.1 - 25 Sec
Instant Tripping Time	< 1 Sec	< 1 Sec
Output	1 C/O Relay	1 C/O Relay
Operation Temperature	-20°C to =50°C	-20°C to =50°C
Humidity	<95%	<95%

	BWL05
Supply	85 - 265V AC/ 24V DC $\pm$ 15%
AC Aux. Frequency	50V60Hz $\pm$ 10%
Sensor Output	max 24V 0.2mA
Sensor Input	Electrode
Adjustable Sensitivity	5 - 250K Ω
According standard	EN61000-4-4, EN61000-4-5
Immunity from micro	<1sec
Response time high level	<1sec
Output	1 C/O
Operation temperature	-20°C to +50°C

Ordering Information

Order No	Model No	Product	Voltage
225 422	LB2H	Power Relay	
225 424	LB4H	Power Relay	
225 415	JLC-1	Level Control Relay	
225 453	JSK-3D	3 Digital Counter	

Technical Details

LB2H



LB4H



JLC-1



JSK-3D



JSK - 3D

Features	• Error-free digital setting and LED display. • Power off reset or Auto reset 0.5S (upon customer's request) • External Connector : Could be proximity sensor or photoelectric sensor.
Reset Time	0.1 Sec Max
Mounting	Flush mounting : Socket base P3G08 or US08
Output Capacity	SPDT
Input	Counting speed : 30 cps max Counting input : By short-circuiting Counting input is effective 0.2S after power on.
Rated Voltage	50/60Hz 12VDC, 24VAC/DC, 110VAC, 220VAC
Mechanical Life	10×10^6 Times
Electrical Life	5×10^5 Times
Ambient Temp & Humidity	-10°C ~55°C, 85% Max

JLC - 1

Features	Water Supply or Water Drainage for controlling conductive liquids under 40 kΩ
Output Capacity	SPDT
Response time of relay	Standard : 0.5 SEC
Surface mounting	Socket base 8PFA
Output Capacity	SPDT
Response time of relay	Standard : 0.5 SEC
Rated Voltage	50/60Hz 110VAC, 220VAC, 380VAC, 415VAC
Mechanical Life	10×10^6 Times
Electrical Life	5×10^5 Times
Reset Time	0.2 Sec Max
Ambient Temp. & Humidity	-10°C~ 55°C, 85% Max