Selection Guide
Solid State Timers with Solid State Output

To view individual catalog pages, see Catalog SS3 (1TRC001009C0201) or www.ssac.com	Digi-Timer Onboard, Switch, Fixed, or External Adjust	MicroTime Onboard or Switch Adjust	Digi-Timer Onboard, Switch, Fixed or External Adjust	E Range Knob Adjust
Dedicated Function	Series	Series	Series	Series
Delay on Make (ON Delay)	TSD1 KSD1		TDU KSDU	CT-EKE
Delay on Make Normally Closed	TSD4 KSD4			
Delay on Break (OFF-delay)			TDUB	CT-AKE
Delay on Break (2 Terminal)	TSDB KSDB	ASQU/ASTU DSQU/DSTU		
Single Shot (Pulse Former)	TSD7		TDUS	
Single Shot (Motion Detector)	TSDS KSDS	ASQU/ASTU DSQU/DSTU		
Interval (Impulse ON)	KSPS (r)		TDUI	
Interval (DC Volts Only)	TSD2	ASQU/ASTU		
Interval (2 Terminal)	KSD2	DSQU/DSTU		
Recycling (Delays Separately Adjustable)	TSD6 (d)			
	TSD7			
Recycling (Equal Delays)	ESDR TSDR KSDR			
Percentage				
Delay on Make/ Delay on Break Delay on Make/Interval	TSD3 (e) KSD3 (e)	ASQU/ASTU DSQU/DSTU		
	PT			
	KSPD			
	ESD5 KSPD			
Time Delay & Adjustment				
Typical Time Delay Range	0.1 s to 1000 m	0.1 s to 100 m	0.1 s to 170 m (!)	0.1 to 300 s
Repeat Accuracy	≤ 0.1 to 1%	≤ 0.1 to 1%	≤ 0.5%	≤ 1%
Onboard Adjustment	•	AS_U Series DS_U Series	TDU_ Series	•
Switch Adjustment				
External Adjustment	•		KSDU Series	
Factory Fixed	Except PT and KSDR Series			
General Features				
DIN Rail Mounting	Adaptor Required	•	Adaptor Required	•
Surface Mounting	•	•	•	Adaptor Required
Output Rating	1 A	0.7 A	1 A	0.7 to 0.8 A
Popular AC Voltages	•	•	•	•
Popular DC Voltages	•	•	•	CT-AKE AC Only
Screw Terminals		•		•
Quick Connects	•	•	•	
Dimensions in	2.0 x 2.0 x 1.21	0.69 x 3.0 x 2.41	2.0 x 2.0 x 1.21	0.89 x 4.09 x 3.27
mm	50.8 x 50.8 x 30.7	17.5 x 76.2 x 61.2	50.8 x 50.8 x 30.7	22.5 x 104 x 83

(d) = DC Volts Only; (e) = equal time delays; (s) = 3 or 4 channel sequencer; (!) = most series consult catalog pages; (r) = retriggerable