



## **DiZeit Time Switches / Timelite DBs**

**Save Energy For A Better Tomorrow**

## DiZeit Analog Time Switch



### Cat Ref. TA916422

- Degree of protection : IP 20
- Din channel mounting, single module analog time switch with power reserve facility
- 24 hours programme , quartz control motor drive
- Voltage : 230V AC , 50/60Hz
- Switching Capacity at  $\cos\phi = 1$ , 250V : 16A
- Switching Capacity at  $\cos\phi = 0.6$ , 250V : 10A
- Power Reserve : 100 hours
- Switching Step : 15 minutes
- Minimum Switching Time : 15 minutes
- Time Accuracy :  $\pm 2.5$  seconds/day
- Contact Type : 1 CO contact SPDT
- Ambient Temperature :  $-10^\circ$  to  $+55^\circ$  C
- Approx Weight : 67g



### Cat Ref. TA926453

- Degree of protection : IP 20
- Din channel mounting, three module analog time switch with power reserve facility
- 24 hours programme , quartz control motor drive
- Voltage : 230V AC , 50/60Hz
- Switching Capacity at  $\cos\phi = 1$ , 250V : 16A
- Switching Capacity at  $\cos\phi = 0.6$ , 250V : 10A
- Power Reserve : 100 hours
- Switching Step : 15 minutes
- Minimum Switching Time : 30 minutes
- Time Accuracy :  $\pm 2.5$  seconds/day
- Contact Type : 1 CO contact SPDT
- Ambient Temperature :  $-10^\circ$  to  $+55^\circ$  C
- Approx Weight : 150g
- TA925450 is available without power reserve



### Cat Ref. TA912472

- Degree of protection : IP 30
- Front mounting, analog time switch with power reserve facility
- 24 hours programme , quartz control motor drive
- Voltage : 230V AC , 50/60Hz
- Switching Capacity at  $\cos\phi = 1$ , 250V : 16A
- Switching Capacity at  $\cos\phi = 0.6$ , 250V : 8A
- Power Reserve : 100 hours
- Switching Step : 10 minutes
- Minimum Switching Time : 20 minutes
- Time Accuracy :  $\pm 2.5$  seconds/day
- Contact Type : 1 CO contact SPDT
- Ambient Temperature :  $-10^\circ$  to  $+55^\circ$  C
- Approx Weight : 100g
- TA912473 is available without power reserve

## DiZeit Analog Time Switch

### Cat Ref. TA926129

- Degree of protection : IP 20
- Din channel mounting, weekly three module analog time switch with power reserve facility
- 7 days programme, quartz control motor drive
- Voltage : 230V AC, 50/60Hz
- Switching Capacity at  $\cos\phi = 1$ , 250V : 16A
- Switching Capacity at  $\cos\phi = 0.6$ , 250V : 10A
- Power Reserve : 100 hours
- Switching Step : 2 hours
- Minimum Switching Time : 4 hours
- Time Accuracy :  $\pm 2.5$  seconds/day
- Contact Type : 1 CO contact SPDT
- Ambient Temperature :  $-10^{\circ}$  to  $+55^{\circ}$  C
- Approx Weight : 150g



## DiZeit Digital Time Switch

### Cat Ref. TDA40157

- Din channel mounting, weekly two module digital time switch
- Voltage : 230V AC, 50/60Hz
- Switching Capacity at  $\cos\phi = 1$ , 250V : 16A
- Power consumption : Approx 1Watt
- Battery Reserve : 6 years
- Minimum Switching Time : 1 minute
- Time Accuracy :  $\pm 2.5$  seconds/day
- Contact Type : 1 CO contact SPDT
- No. of Programmes : 56
- Ambient Temperature :  $-10^{\circ}$  to  $+55^{\circ}$  C
- TDA40158 is available with 2 CO contact and 28 programmes per channel



### Cat Ref. TDA44196

- Din channel mounting, eco weekly two module digital time switch
- Voltage : 230V AC, 50/60Hz
- Switching Capacity at  $\cos\phi = 1$ , 250V : 16A
- Battery Reserve : 6 years
- Minimum Switching Time : 1 minute
- Time Accuracy :  $\pm 1$ seconds/day
- Contact Type : 1 Change Over contact SPDT
- No. of Programmes : 28
- Ambient Temperature :  $-10^{\circ}$  to  $+55^{\circ}$  C
- TDA44197 is available with 2 CO contact and 28 programmes per channel



## DiZeit Digital Time Switch



### Cat Ref. TDA45194

- Degree of protection : IP 20
- Din channel mounting, two module astronomical light sensitive digital time switch
- Voltage : 230V AC , 50/60Hz
- Switching Capacity at  $\text{Cos}\phi = 1$ , 250V : 16A
- Switching Capacity at  $\text{Cos}\phi = 0.6$ , 250V : 4A
- Battery Reserve : 6 years
- No. of Programmes : 28
- Geographical Coordinates : Resolution 1 degree
- Switching Step : 1 Minute
- Minimum Switching Time : 1 minute
- Time Accuracy :  $\pm 1$ seconds/day
- Contact Type : 1 CO contact SPDT
- Ambient Temperature :  $-10^{\circ}$  to  $+55^{\circ}$  C
- Approx Weight : 284g
- TDA45193 Din mounted Astronomical Digital time switch is available with 2 CO contact



### Cat Ref. TDA41110

- Din channel mounting, annual digital time switch
- Voltage : 230V AC , 50/60Hz
- Switching Capacity at  $\text{Cos}\phi = 1$ , 250V : 16A
- Switching Capacity at  $\text{Cos}\phi = 0.6$ , 250V : 4A
- Battery Reserve : 6 years
- No. of Programmes : 2 channel x 3 programme type x 28 programme
- Geographical Coordinates : Resolution 1 degree
- Time Accuracy :  $\pm 1$ seconds/day
- Contact Type : 2 CO contact SPDT
- Ambient Temperature :  $-10^{\circ}$  to  $+55^{\circ}$  C



### Cat Ref. TSA58107

- Degree of protection : IP 30
- Din channel mounting, single module light sensitive switch
- Voltage : 230V AC , 50/60Hz
- With outer sensor
- Sensing distance < 50 meters
- Switching Capacity at  $\text{Cos}\phi = 1$ , 250V : 16A
- Control from 100 Lux to 100 kLux
- Contact Type : 1 CO contact SPDT
- Ambient Temperature :  $-40^{\circ}$  to  $+60^{\circ}$  C

## DiZeit Timelite Distribution Boards

Electricity is exponentially taking over our life style. Its consumption in our life has gone up many folds. Its usage has gone up neck pace in various applications like domestic or industrial. This has necessitated to utilize electrical energy in safe, efficient way so that it continues to play a pivotal role in our life. This requires a design / solution which can protect from overload / short circuit with addition to save energy in every possible way. Timelite a prefabricated & engineered solution protection & energy saving for lighting applications.



### Salient Features

- Degree of Protection : IP 54
- Aesthetically appealing with locking facility
- Switch-ON & Switch-OFF street lights on time scheduling basis by incorporating a analog/digital time switch and contactor
- Rating of contactors depends on the luminaires and wattage of lighting loads
- Range includes from 16A to 110A with analog/digital time switch. Model incorporating energy meter is also available on request
- Selector switch for selecting time mode, continuous ON mode or permanent OFF mode



Rating (A)	MCB* (Ratings)	MCCB** (Ratings)	Time Switch		Contactor*** (AC-3 Rating)
			Analog	Digital	
16A	16A	-	TA926453	TDA40157	16A
32A	32A	-	TA926453	TDA40157	32A
40A	40A	-	TA926453	TDA40157	40A
50A	50A	-	TA926453	TDA40157	50A
65A	-	80A	TA926453	TDA40157	65A
80A	-	80A	TA926453	TDA40157	80A
95A	-	100A	TA926453	TDA40157	95A
110A	-	125A	TA926453	TDA40157	110A

\*MCB will be of 'C' curve 10kA breaking capacity.

\*\*Standard MCCB will have 16kA breaking capacity.

\*\*\* Contactor coil voltage is 230V AC as standard.

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