



DMFT/IV



DOD



DUR



DSD

The Electro "D" range of control and timing devices are compact modular units for easy introduction into standard panels and/or distribution boards. They mount directly onto DIN rail and align with standard miniature circuit breakers (MCB's).

- Compact DIN rail mounting: (H) 92 x (W) 36 x (D) 64 mm ( 2 modules wide)

type	time range	function	contact
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**Multi-function, multi-range electronic timer**

Multi-function, multi-range timers designed with the latest technology that includes all commonly used functions. Any change made to function or time range by means of front mounted dials will result in a reset of the unit.

- 8 selectable functions - multi-function (8 x functions) multi-range (8 x time ranges)

	NO	TIME RANGE	function	contact
<b>DMFT*</b>	1	0.6 - 6s	on-delay interval	10A SPDT
	2	6 - 60s	equal repeat	
	3	0.6 - 6m	off delayed (pulse controlled) interval (pulse controlled)	
	4	6 - 60m	step relay	
	5	0.6 - 6h	pulse generator	
	6	6 - 60h	on/off delay	
	7	ON		
	8	OFF		
<b>DMFT/IV</b>	as above		as above but with multi-voltage supply 12-260 VAC	10A SPDT

**True off delay electronic timer**

- Delay on de-energisation timer (delay on removal of supply)

Multi-range off delay (delay on release) timer with advanced backup power circuitry to deliver wide time ranges. The unit has to be powered for no less than 30 sec + 30% of set time range. If permanent power is available the DMFT timer should be used.

	NO	TIME RANGE	function	contact
<b>DOD*</b>	1	0.3 - 6s	delay on de-energisation	8A SPDT
	2	0.9 - 30s		
	3	6 - 60s		
	4	0.9 - 6m		
	5	0.3 - 30m		
	6	6 - 60m		

*NOTE: Unit has to stay energized for 30 sec + 30% of the time range.*

**Unequal repeating electronic timer Multi-range (for ON/OFF ranges)**

- Asymmetrical recycler independently adjustable ON/OFF time

Multi range timer designed with the latest technology that covers most combinations of ON/OFF time ranges. Any change made to time range by means of front mounted dials will result in a reset of the unit.

	TIME RANGE A			TIME RANGE B			function	contact
	NO	ON (adj)	OFF (adj)	NO	ON (adj)	OFF (adj)		
<b>DUR*</b>	1	0.3 - 6s	0.3 - 6s	1	3 - 60s	3 - 6m	unequal repeating	10A SPDT
	2	3 - 60s	3 - 60s	2	0.3 - 6m	0.3 - 60s		
	3	0.3 - 6m	0.3 - 6m	3	3 - 6m	3 - 60m		
	4	3 - 60m	3 - 60m	4	0.3 - 60m	0.3 - 6m		
	5	0.3 - 6s	0.3 - 60s	5	3 - 60m	3 - 6h		
	6	3 - 60s	3 - 6s	6	0.3 - 6h	0.3 - 60m		
	7	0.3 - 6s	0.3 - 60m	7	3 - 60s	3 - 6h		
	8	3 - 60m	3 - 6s	8	0.3 - 6h	0.3 - 60s		

**Star-Delta timer**

Multi-range Star / Delta timer with adjustable transition delay for starting inductive motors. Applying supply switches relay to "star" for the pre-set star period, on lapse of the star period the relays switches to a neutral "transition" position (4-180 ms) where after the relay switches to the "delta" position and remains there until supply is removed.

- Adjustable Star time: 30 – 60 sec
- Adjustable Transition time: 40 – 180 ms

<b>DSD*</b>	0.9 to 30 sec 3 to 60 sec	star-delta timer	2 x 6A SPDT (with neutral)
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**Defrost timer**

Microprocessor based defrost timer with four selectable cycle times and separately adjustable fan delay of 3 - 60 seconds and defrost time range from 0.3 - 60 minutes.

<b>DDT*</b>	Cycle: 4 or 8 hr Defrost: 3-60 min Fan: 3-60 sec	defrost timer	3 x 6A SPDT
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\* Voltage: 12 VAC, 24 VAC, 48 VAC, 110 VAC, 230 VAC, 400 VAC, 525 VAC  
12 VDC, 24 VDC, 48 VDC (other voltages available on request)