

Electro D series - Modular timing devices

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)



DMFTMV



DOD



DUR



DSD

multi-range (adjustable time ranges)	No.	time ranges
	1	6 sec
	2	60 sec
	3	6 min
	4	60 min
	5	6 hr
	6	60 hr
	7	ON
	8	OFF

multi-function	No.	functions
	A	on-delay
	B	interval
	C	equal repeat
	D	Off delayed (<i>pulse controlled</i>)
	E	interval (<i>pulse controlled</i>)
	F	step relay
	G	pulse generator
	H	on/off delay

type	supply voltage*	time range	function	description
------	-----------------	------------	----------	-------------

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

Multi-function, multi-range timers designed with latest technology includes all commonly used functions and time ranges (*selectable via front mounted dials*).

Single voltage type

DMFT012AD	12V AC/DC	1...8	A...H	multi-range/function timer
DMFT110A	110 VAC	1...8	A...H	multi-range/function timer
DMFT230A	230 VAC	1...8	A...H	multi-range/function timer
DMFT400A	400 VAC	1...8	A...H	multi-range/function timer
DMFT024AD	24V AC/DC	1...8	A...H	multi-range/function timer

Multi-voltage type

DMFTMV	12 - 260V AC/DC	1...8	A...H	multi-range/function/voltage timer
--------	-----------------	-------	-------	------------------------------------

True off delay electronic timer

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

- Delay on de-energisation timer (*delay on removing of supply*)

DOD230A	230 VAC	1...4	off delay	multi-range delay on de-energisation
---------	---------	-------	-----------	--------------------------------------

Unequal repeating electronic timer multi-range (ON/OFF)

Multi-range timer designed with latest technology covers most combinations of ON/OFF time ranges selectable via front mounted dials and DIP switch.

- Asymmetrical recycler with independently adjustable ON and OFF times

TIME RANGE A			TIME RANGE B		
NO	ON (adj)	OFF (adj)	NO	ON (adj)	OFF (adj)
1	6s	6s	1	60s	6m
2	60s	60s	2	6m	60s
3	6m	6m	3	6m	60m
4	60m	60m	4	60m	6m
5	6s	60s	5	60m	6h
6	60s	6s	6	6h	60m
7	6s	60m	7	60s	6h
8	60m	6s	8	6h	60s

DUR110A	110 VAC	1...8	repeat	unequal repeat timer
DUR230A	230 VAC	1...8	repeat	unequal repeat timer
DUR024AD	24V AC/DC	1...8	repeat	unequal repeat timer

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

DSD110A	110 VAC	–	star delta	star-delta timer
DSD230A	230 VAC	–	star delta	star-delta timer
DSD400A	400 VAC	–	star delta	star-delta timer

* Other voltage options available on request.