

F SERIES PANEL MOUNT & PLUG IN TIMER



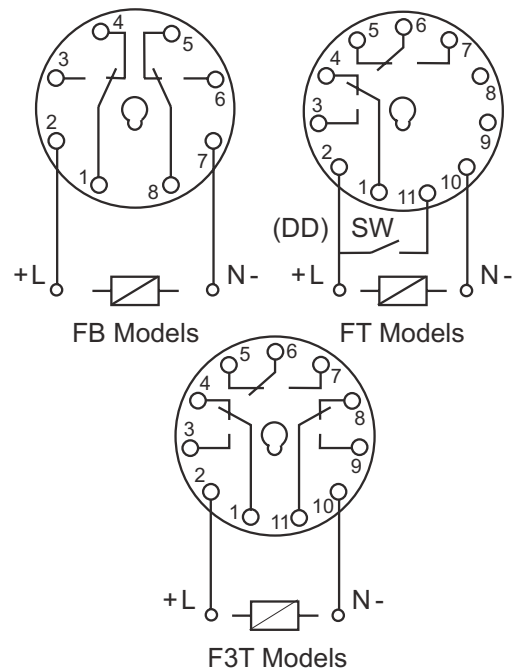
- Up to 3 DPCO relay outputs
- 12 to 100Vdc and 24 to 230Vac supply options
- Time ranges from 1 second to 60 hours
- 8 or 11 pin plug in base or panel mounting

The F series is a range of analogue timers which can be panel mounted from their 48 x 48 mm front bezel or chassis/DIN rail mounted via a plug-in socket. A wide range of supply voltages, timing and operating modes are available to order.

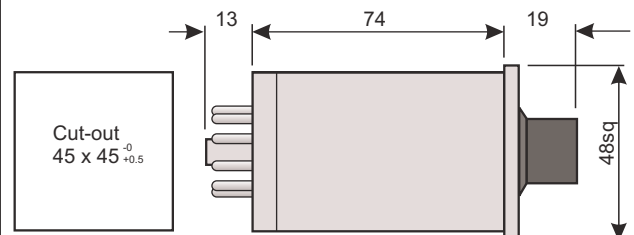
SPECIFICATION

- Supply voltage: 12, 24, 48, 100 Vdc, 24, 50, 110, 230Vac @ 50/60 Hz
- Min. supply time: (Tm+50)msecs where Tm=max scale range TDD only)
- Power drain: 2W or 4VA (20VA for TDD)
- Supply limits: +/- 15% of supply voltage
- Timing modes: DE, INT, DD, TDD, DC or IC
- Timing ranges: 1, 2, 5, 10, 30, 60 secs, 2, 5, 10, 30, 60 mins or hours (Up to 30 mins for DD and TDD).
- Scale range: 5% to 100% of max time setting
- Scale accuracy: +/- 5% of Timing Range
- Repeat accuracy: 1% of scale value (20msec min.)
- Reset time: 100msec (200msec for DC)
- Output config: 2 or 3 DPCO contacts (3 only on DE & INT models)
- Output rating: 10A/240Vac or 30Vdc (5A TDD and 3T)
- Electrical life: 5x10⁵ ops at rated load (2 x 10⁵TDD)
- Mechanical life: 50x10⁶ ops (10 x 10⁶ TDD)
- Operating temp: -10°C to +60°C
- CE compatibility: Meets EN61010-1 low voltage and EN50081-1/50082-1 emc directives
- Weight: All models 130gms (except TDD = 150 gms)

CONNECTION DIAGRAMS



DIMENSIONS



STANDARD ITEMS

Mode	Voltage	Time	Base	Part Number	
Interval Delay on	110Vac	10 sec	8 pin	FBINT10SLP110VAC	
		10 sec	8 pin	FBDE10SLP24VDC	
		60 sec	8 pin	FBDE60SLP24VDC	
		5 min	8 pin	FBDE5MLP24VDC	
	100Vdc	30 sec	8 pin	FBDE30SLP100VDC	
		30 sec	11 pin	FTDE30SLP100VDC	
		110Vac	10 sec	8 pin	FBDE10SLP110VAC
			30 sec	8 pin	FBDE30SLP110VAC
	230Vac	60 sec	8 pin	FBDE60SLP110VAC	
		5 min	8 pin	FBDE5MLP110VAC	
		30 min	8 pin	FBDE30MLP110VAC	
		30 sec	11 pin	FTDE30SLP110VAC	
10 sec		8 pin	FBDE10SLP230VAC		
30 sec		8 pin	FBDE30SLP230VAC		
60 sec		8 pin	FBDE60SLP230VAC		
5 min		8 pin	FBDE5MLP230VAC		
Cyclic	110Vac	30 min	8 pin	FBDE30MLP230VAC	
		30 sec	11 pin	FTDE30SLP230VAC	
	230Vac	5 min	11 pin	FTDE5MLP230VAC	
		30 sec	8 pin	FBDC30SLP30SLP110VAC	
Delay off	110Vac	30 sec	8 pin	FBDC30SLP30SLP230VAC	
		5 min	8 pin	FBDC5MLP5MLP230VAC	
	230Vac	30 sec	11 pin	FTDDP30SLP110VAC	
		10 min	11 pin	FTDDP10MLP110VAC	
	230Vac	30 sec	11 pin	FTDDP30SLP230VAC	
		10 min	11 pin	FTDDP10MLP230VAC	

For other time ranges or 3 output versions please contact our sales office.