

# Product Details and Certifications

**Cross Reference RA Part Number: 100-FPTA180 B**

 **Product: 100-FPTA180**

Description: Pneumatic Timing Module, ON-Delay (1.8 sec. - 180 sec.)



Representative Photo Only (actual product may vary based on configuration sections)

## ***ACCESSORY SELECTION***

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Bulletin Number	100-F IEC Contactor Accessories
Accessory Selection	Individual Accessory Selection

## ***DIMENSIONS AND WEIGHT***

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Weight ( Kg / Lbs )	0.00 / 0.00
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Control Modules (For 100-C09...C97 contactors)

	Description	Connection Diagrams	For Use With	Cat. No.	
	<b>Pneumatic Timing Modules</b> • Pneumatic timing element contacts switch after the delay time. The contacts on the main control relay continue to operate without delay.	<b>On-Delay</b> 0.3...30 s Range 1.8...180 s Range	100-C or 700-CF with AC or 24V DC electronic coils‡	100-FPTA30	
		<b>Off-Delay</b> 0.3...30 s Range 1.8...180 s Range		100-FPTB30	
				100-C all, 700-CF all	100-FPTB180
					100-FPTA180
	<b>Electronic Timing Modules — On-Delay</b> Delay of the contactor or control relay solenoid. The contactor or control relay is energized at the end of the delay time.	0.1...3 s Range 1...30 s Range 10...180 s Range	100-C or 700-CF with 110...240V, 50/60 Hz or 110...250V DC coils	100-ETA3	
				100-ETA30	
				100-ETA180	
				100-C or 700-CF with 24...48V DC coils	100-ETAZJ3
			100-ETAZJ30		
			100-ETAZJ180		
	<b>Electronic Timing Modules — Off-Delay</b> Delay of the contactor or control relay solenoid. After interruption of the control signal, the contactor or control relay is deenergized at the end of the delay time.	0.3...3 s Range 1...30 s Range 10...180 s Range 0.3...3 s Range 1...30 s Range 10...180 s Range	100-C09...C37 or 700-CF with 24V 50/60 Hz coils	100-ETBKJ3	
				100-ETBKJ30	
				100-ETBKJ180	
				100-C or 700-CF with 110...240V 50/60 Hz coils	100-ETB3
			100-ETB30		
			100-ETB180		
	<b>Electronic Timing Modules</b> • Delay of the contactor solenoid. Contactor K 3 (Y) is de-energized (off) and K 2 (D) is energized (on) at the end of the set Y end time. (Switching delay at 50 ms.) • Continuous adjustment range • High repeat accuracy	<b>Transition Time Y Contactor</b> 1...30 s Range	100-C with 110...240V, 50/60 Hz coils	100-ETY30	
	<b>Mechanical Interlocks</b> • For interlocking of two contactors. • Common interlock for all Bul. 100-C contactor sizes • Interlocking of different sizes possible • Mechanical and electrical interlocking possible in one module by means of integrated auxiliary contacts • 9 mm dovetail connector included	Mechanical only, without auxiliary contacts	100-C (except 100-C40, -C90)	100-MCA00	
		Mechanical/electrical interlock with 2 N.C. auxiliary contacts	100-C (except 100-C40, -C90)	100-MCA02	
	<b>Mechanical Latch</b> • Following contactor latching, the contactor coil is immediately de-energized (off) by the N.C. auxiliary contact (65-66). • Electrical or manual release • 1 N.O. + 1 N.C. auxiliary contacts • Suitable for all Bul. 100-C contactor sizes, 9...97 A	Maximum command duration 0.03...10 s	100-C with AC or 24V DC electronic coils (except 100-C90)	100-FL11⊗	

‡ Cannot be used with side-mounted auxiliary contacts on 700-CF DC relays.

⊗ Coil Voltage Code

The cat. no. as listed is incomplete. Select a voltage suffix code from the table below to complete the cat. no. Example: 120V, 60 Hz: Cat. No. 100-FL11⊗ becomes Cat. No. 100-FL11D.

Voltage* [V]	24	48	100	110	120	230...240	240	277	380...400	400...415	440	480
50 Hz	K	Y	KP	D	—	VA	KA	—	N	G	B	—
60 Hz	J	—	—	—	D	—	KA	T	—	—	N	B

\* For special voltages, consult your local Rockwell Automation sales office or Allen-Bradley distributor.