

BF/BFD Series—Fixed Contact Industrial Control**BF/BFD Series—Fixed Contact Industrial Control****Product Description**

Type BF is AC operated, 300 V maximum, and the BFD is DC operated, 250 V. Fixed contact relays are available in any combination of NO and NC from two to 12 poles. BF and BFD relays have captive clamp terminals fully accessible from the front, a molded coil with low operating temperature and silver alloy contacts suitable for low voltage circuits.

Features and Benefits**Wiring to Relay**

- In parallel with coil—one timed and up to 12 instantaneous contacts, or
- In series with coil—up to 12 timed contacts in one relay

Permanent Magnet Latch

- Field mountable on Catalog Number BF; factory installed on BFD
- Latch coil continuously rated
- Latch plunger adjustable for optimum performance

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Standards and Certifications

- UL recognized, UL File No. E19223 (AC relays only)
- CSA certified, File No. LR39402-6, LR28548-10, 11 (AC and DC relays)



Product Selection

When Ordering, Specify

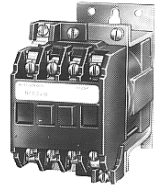
- Catalog number of basic relay
- If a coil voltage other than listed is required, select the suffix code from the Coil Voltage table and substitute it for the last letter in the catalog number. Example: BF80**V** for a 110/60 AC coil

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Type BF



Type BFD



Complete Relay—Type BF and BFD, Two-, Three-, Four- and Six-Pole ^①

Number of Poles	Type of Contact		BF 300 Vac Basic Relays 120/60, 110/50 AC Coil	BFD 250 Vdc Basic Relays 120 DC Coil
	NO (Form A)	NC (Form B)	Catalog Number	Catalog Number
2	2	0	BF20F	BFD20S
	1	1	BF11F	BFD11S
	0	2	BF02F	BFD02S
3	3	0	BF30F	BFD30S
	2	1	BF21F	BFD21S ^②
	1	2	BF12F	BFD12S
	0	3	BF03F	BFD03S
4	4	0	BF40F	BFD40S
	3	1	BF31F	BFD31S
	2	2	BF22F	BFD22S
	1	3	BF13F	BFD13S
	0	4	BF04F	BFD04S
6	6	0	BF60F	BFD60S
	5	1	BF51F	BFD51S
	4	2	BF42F	BFD42S
	3	3	BF33F	BFD33S
	2	4	BF24F	BFD24S
	0	6	BF06F	BFD06S

Coil Voltage

BF Coils		
Volts AC	Hz	Suffix Code
12	60	H
24	60	I
48	60	J
110	60	V
110/120	50/60	F
208	60	K
220/240	50/60	G
440	60	C

BFD Coils	
Volts DC	Suffix Code
6	C
12	D
24	L
38	N
48	M
72	E
95	B
120	S
130	U
240	T

Notes

- ^① Relays listed above with equal number of NO and NC contact poles are specially priced—1NO and 1NC pole are supplied at no additional charge.
- ^② Consult Customer Support Center for availability.