

FUJITSU Signal Relays



A SERIES MINIATURE RELAYS

Features:

- 2 Poles - 1 to 2 A (for signal switching)
- Extremely low profile and light weight
- UL, CSA recognized
- High Reliability - bifurcated contacts
- Plastic Sealed type
- Contact Form: DPDT
- Height: 5mm
- Weight: approx. 1.2g
- Wide Operating range
- DIL through-hole terminals
- Contact Rating: .5A



RoHS Compliant

For quantities of 2500 and up, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Nominal Voltage (VDC)	Coil Resistance (±10%)	Nominal Power	Price Each			
						1	100	500	1000
817-A-3W-K	A-3W-K	A	3	64.3Ω	140 mW	2.98	2.53	2.16	1.98
817-A-5W-K	A-5W-K	A	5	178Ω	140 mW	2.98	2.53	2.16	1.98
817-A-12W-K	A-12W-K	A	12	1,028Ω	140 mW	3.05	2.60	2.22	2.03
817-A-24W-K	A-24W-K	A	24	2,880Ω	200 mW	3.13	2.66	2.27	2.08
817-A-48W-K	A-48W-K	A	48	7,680Ω	300 mW	3.35	2.85	2.44	2.23

FBR46 SERIES MINIATURE RELAYS

Features:

- 2 Poles - 1 to 2 A (for signal switching)
- Miniature size
- Contact Form: DPDT
- Low power consumption
- High Surge Voltage
- Contact Rating: .5A



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MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Nominal Voltage (VDC)	Coil Resistance (±10%)	Nominal Power	Price Each			
						1	100	500	1000
817-FBR46ND012	FBR46ND012-P-CSA	B	12	960Ω	150 mW	2.40	2.04	1.75	1.60

FBR211 SERIES MINIATURE RELAYS

Features:

- 1 Pole - 1 to 2 A (for signal switching)
- 2 A maximum carrying current
- Superior reliability gold-overlay contacts
- Conforms to FCC 68.302 (high dielectric strength)
- Contact Form: SPDT
- International terminal pitch of one inch grid terminal layout
- UL Recognized File E63615
- CSA Recognized File LR64026
- Contact Rating: .5A



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MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Nominal Voltage (VDC)	Coil Resistance (±10%)	Nominal Power	Price Each			
						1	100	500	1000
817-FBR211NBD012-M	FBR211NBD012-M	C	12	320Ω	450 mW	1.85	1.57	1.35	1.23
817-FBR211NED024-M	FBR211NED024-M	C	24	2,800Ω	450 mW	1.95	1.66	1.42	1.30

FTR-B3 SERIES MINIATURE HORIZONTAL RELAYS

Features:

- 2-Contact 1A (for switching signals)
- Flat Type ultra miniature (SMT)
- Ultra slim and light weight
- High efficiency polar electromagnet structure
- Contact Form: DPDT
- Gold-plated silver alloy bifurcated contacts
- UL, CSA recognized
- Contact Rating: .3A



RoHS Compliant

For quantities of 2500 and up, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Terminal Type	Nominal Voltage (VDC)	Coil Resistance (±10%)	Nominal Power	Price Each			
							1	100	500	1000
817-FTR-B3GA003Z	FTR-B3GA003Z	D	Surface Mount	3	64.3Ω	140 mW	3.75	3.19	2.73	2.50
817-FTR-B3GA4.5Z	FTR-B3GA4.5Z	D	Surface Mount	4.5	145Ω	140 mW	3.75	3.19	2.73	2.50
817-FTR-B3GA012Z	FTR-B3GA012Z	D	Surface Mount	12	1,028Ω	140 mW	3.75	3.19	2.73	2.50

FTR-B4 SERIES ULTRA MINIATURE SLIM SIGNAL RELAYS

Features:

- High reliability bifurcated contacts
- Lower power consumption
- 10mm Max. height SMT
- Contact Form: DPDT
- Weight: Approx. 1.0g
- Conforms Belcore and FCC part 68
- Contact Rating: 1A



RoHS Compliant

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MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Terminal Type	Nominal Voltage (VDC)	Coil Resistance (±10%)	Nominal Power	Price Each			
							1	100	500	1000
817-FTR-B4CA003Z	FTR-B4CA003Z	E	Through-hole	3	64.3Ω	140 mW	3.75	3.19	2.73	2.50
817-FTR-B4GA003Z	FTR-B4GA003Z	F	Surface mount	3	64.3Ω	140 mW	3.75	3.19	2.73	2.50
817-FTR-B4GA012Z	FTR-B4GA012Z	F	Surface mount	12	1,028Ω	140 mW	3.75	3.19	2.73	2.50
*817-FTR-B4SA003Z	FTR-B4SA003Z	F	Surface mount	3	64.3Ω	140 mW	4.53	3.85	3.29	3.02
*817-FTR-B4SA012Z	FTR-B4SA012Z	F	Surface mount	12	1,028Ω	140 mW	4.53	3.85	3.29	3.02
*817-FTR-B4SA4.5Z	FTR-B4SA4.5Z	F	Surface mount	4.5	145Ω	140 mW	4.53	3.85	3.29	3.02

FTR-C1 SERIES ULTRA MINIATURE RELAYS

Features:

- High reliability bifurcated contacts
- Lower power consumption
- Contact Form: DPDT
- Weight: Approx. 1.0g
- Surge Strength: 5000V
- Conforms to IEC 60950 / EN60950 / UL1950 / C22.2
- Contact Rating: 1A



RoHS Compliant

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MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Terminal Type	Nominal Voltage (VDC)	Coil Resistance (±10%)	Nominal Power	Price Each			
							1	100	500	1000
817-FTR-C1GA003G	FTR-C1GA003G	G	Surface Mount	3	32.1	280 mW	3.80	3.23	2.75	2.52
817-FTR-C1GA4.5G	FTR-C1GA4.5G	G	Surface Mount	4.5	72.3	280 mW	3.80	3.23	2.75	2.52
817-FTR-C1GA012G	FTR-C1GA012G	G	Surface Mount	12	514	280 mW	3.80	3.23	2.75	2.52

DIMENSIONS: mm

A

B

C

D

E

F

G