

FUJITSU Power Relays



FTR-F1 SERIES: 2 POLES - 5A LOW PROFILE TYPE

- Features:**
- DPST/DPDT 5A, TV-3 rating available
 - Higher isolation by employing insulation construction
 - Plastic sealed relay
 - UL, CSA, VDE, SEMKO BSI recognized
- RoHS Compliant
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Contact Form	Nominal Voltage (VDC)	Contact Rating	Price Each			
						1	100	500	1000
817-FTR-F1CA005V	FTR-F1CA005V	A	DPDT	5	5A	2.28	1.94	1.65	1.52
817-FTR-F1CA006V	FTR-F1CA006V	A	DPDT	6	5A	2.28	1.94	1.65	1.52
817-FTR-F1CA012V	FTR-F1CA012V	A	DPDT	12	5A	2.28	1.94	1.65	1.52
817-FTR-F1CD012V	FTR-F1CD012V	A	DPDT	12	5A	2.50	2.13	1.82	1.67

FTR-F2 SERIES: 1 POLE, 5, 10A CADMIUM FREE CONTACTS TYPE

- Features:**
- High density mounting
 - High isolation
 - High Noise resistance
 - Heat resistance, flammability
 - UL, CSA, VDE approved
- RoHS Compliant
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Contact Form	Nominal Voltage (VDC)	Contact Rating	Price Each			
						1	100	500	1000
817-FTR-F2AK048T	FTR-F2AK048T	B	SPST-NO	48	5A	1.78	1.51	1.29	1.18

FTR-H1 SERIES: 1 POLE - 10A LOW PROFILE TYPE

- Features:**
- Type of service: Continuous duty
 - UL class B (130°C) insulation
 - High isolation in small package
 - Plastic sealed relay
 - UL, CSA, BSI, VDE, SEMKO, DEMKO approved
- RoHS Compliant
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Contact Form	Nominal Voltage (VDC)	Contact Rating	Price Each			
						1	100	500	1000
817-FTR-H1AA005V	FTR-H1AA005V	C	SPST-NO	5	10A	1.73	1.47	1.25	1.15
817-FTR-H1AA012V	FTR-H1AA012V	C	SPST-NO	12	10A	1.73	1.47	1.25	1.15
817-FTR-H1AA024V	FTR-H1AA024V	C	SPST-NO	24	10A	1.88	1.60	1.36	1.25
817-FTR-H1CA005V	FTR-H1CA005V	D	SPDT	5	10A	1.88	1.60	1.36	1.25
817-FTR-H1CA012V	FTR-H1CA012V	D	SPDT	12	10A	1.88	1.60	1.36	1.25
817-FTR-H1CA024V	FTR-H1CA024V	D	SPDT	24	10A	2.03	1.72	1.47	1.35

FTR-K1 SERIES: 1 POLE - 16A LOW PROFILE TYPE

- Features:**
- High density mounting
 - High Isolation
 - Heat Resistance, Flammability 94V-0
 - Cadmium free contact for eco-program
 - UL, CSA, VDE, SEMKO approved
 - TV-5 rating approved, TV-8 available
- RoHS Compliant
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Contact Form	Nominal Voltage (VDC)	Contact Rating	Price Each			
						1	100	500	1000
817-FTR-K1CK024W	FTR-K1CK024W	E	SPDT	24	16A	3.00	2.55	2.18	2.00

FTR-F3 SERIES: 1 POLES - 6A SLIM TYPE RELAY

- Features:**
- High density mounting
 - Higher isolation
 - Insulation Distance: Minimum 6mm between coil and contact (conforms to IEC 65)
 - Dielectric Strength: 4KV
 - High coil sensitivity
 - High flammability resistance
 - Flammability 94V-0
 - UL class B (130°C)
 - Cadmium free contact for eco-program
 - UL, CSA, VDE approved
 - Plastic sealed relay
- RoHS Compliant
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Contact Form	Nominal Voltage (VDC)	Contact Rating	Price Each			
						1	100	500	1000
817-FTR-F3AA005E-HA	FTR-F3AA005E-HA	F	1 Form A	5	5A	1.23	1.04	.89	.82
817-FTR-F3AA012E-HA	FTR-F3AA012E-HA	F	1 Form A	12	5A	1.25	1.06	.91	.83
817-FTR-F3AA024E	FTR-F3AA024E-HA	F	1 Form A	24	5A	1.38	1.17	1.00	.92

FTR-H3 SERIES: SILENT POWER RELAY 1 POLE - 10A LOW PROFILE TYPE

- Features:**
- Pin compatible with widely used VS and FTR-H1 series
 - Ultra silent relay unique U-shape design
 - Noise level is about 50dB at 5cm
 - High insulation in small package
 - Contact Material: Gold overlay silver alloy
 - Lead free and cadmium free contacts
 - Plastic sealed relay
 - UL, CSA, BSI, VDE, SEMKO, DEMKO approved
 - Low profile (height 16.5mm)
 - Dielectric = 3,000VAC Surge = 10,000V
 - Contact Rating = 10A
 - UL, CSA, VDE, CQC safety standards
 - Sealed type relay
 - Nominal Power = 530mW
- RoHS Compliant
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Contact Form	Nominal Voltage (VDC)	Contact Rating	Price Each			
						1	100	500	1000
817-FTR-H3AA005V	FTR-H3AA005V	G	1 Form A	5	47	2.57	2.19	1.87	1.71
817-FTR-H3AA009V	FTR-H3AA009V	G	1 Form A	9	155	2.77	2.35	2.01	1.84
817-FTR-H3AA012V	FTR-H3AA012V	G	1 Form A	12	270	2.77	2.35	2.01	1.84
817-FTR-H3AA024V	FTR-H3AA024V	G	1 Form A	24	1,100	2.92	2.49	2.13	1.95

FTR-K3 SERIES: 20A POWER RELAY

- Features:**
- Heavy duty for compressor and inverter loads
 - High Sensitivity in small package
 - Nominal Power 780mW
 - High insulation with reinforced insulation system
 - Clearance distance = 8mm Creepage distance = 9.5mm
 - Dielectric = 5,000VAC Surge = 8,500V
 - Contact Rating = 20A
 - UL, CSA, VDE, CQC safety standards
- RoHS Compliant
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fujitsu Part No.	Fig.	Contact Form	Nominal Voltage (VDC)	Contact Rating	Price Each			
						1	100	500	1000
817-FTR-K3AB005W	FTR-K3AB005W	H	1 form A, PCB	5VDC	32	2.05	1.75	1.49	1.37
817-FTR-K3AB006W	FTR-K3AB006W	H	1 form A, PCB	6VDC	46	2.05	1.75	1.49	1.37
817-FTR-K3AB009W	FTR-K3AB009W	H	1 form A, PCB	9VDC	105	2.05	1.75	1.49	1.37
817-FTR-K3AB012W	FTR-K3AB012W	H	1 form A, PCB	12VDC	185	2.05	1.75	1.49	1.37
817-FTR-K3AB018W	FTR-K3AB018W	H	1 form A, PCB	18VDC	415	2.05	1.75	1.49	1.37
817-FTR-K3AB024W	FTR-K3AB024W	H	1 form A, PCB	24VDC	740	2.05	1.75	1.49	1.37
817-FTR-K3JB005W	FTR-K3JB005W	I	1 form A, TAB+PCB	5VDC	32	2.14	1.82	1.56	1.43
817-FTR-K3JB006W	FTR-K3JB006W	I	1 form A, TAB+PCB	6VDC	46	2.14	1.82	1.56	1.43
817-FTR-K3JB009W	FTR-K3JB009W	I	1 form A, TAB+PCB	9VDC	105	2.14	1.82	1.56	1.43
817-FTR-K3JB012W	FTR-K3JB012W	I	1 form A, TAB+PCB	12VDC	185	2.14	1.82	1.56	1.43
817-FTR-K3JB018W	FTR-K3JB018W	I	1 form A, TAB+PCB	18VDC	415	2.14	1.82	1.56	1.43
817-FTR-K3JB024W	FTR-K3JB024W	I	1 form A, TAB+PCB	24VDC	740	2.14	1.82	1.56	1.43

DIMENSIONS: mm

A

B

C

D

E

F

G

H

I

Fujitsu PCB Relays