



Fujitsu Components Power Relays for PWB Applications from 3A to 20A

Fujitsu Component Limited produces electronic components, including electromechanical relays, for the worldwide market. Fujitsu has been manufacturing relays, its largest product line, for 80 years now, supplying them to many of the world's top electronics companies. Fujitsu still uses the Takamisawa relay brand name and P/N designators, especially on some popular power relays. All Fujitsu factories are ISO 9000 certified.



Fujitsu FTR-H3 series power relays

Features ▶

- Focus on PCB power relays with less than 20A of current
- Power relays produced in Fujitsu cost-competitive China production factories
- Short lead times for samples and mass production to fill your requirements

Benefits ▶

- Longer switching operation life and higher reliability for superior system performance
- Higher reliability for outstanding performance over product life
- Lower power consumption for reduced power demand and heat

Applications ▶

- Programmable logic controllers
- Power-supply switching for TVs, set-top boxes, VCRs, DVDs, etc.
- Factory automation, timing devices, testing equipment, robotics, irrigation controls
- HVAC (heating, ventilation, air conditioning) temperature controllers
- Lamp and motor controls

Product Specifications ▶

Product Series	Features	Dimensions L x W x H (mm)	Contact Arrangement	Contact Material	Contact Rating	Coil Voltage (V)	Nominal Coil Power (mW)	Dielectric Strength (VAC)	Mounting Method
NY	Slim and higher surge	20.1 x 5.0 x 17.5	SPST-NO	Silver alloy	3A 30 VDC or 250 VAC	4.5-24	120	3000	PCB
FTR-MY	Slim and lower power	20.0 x 5.0 x 12.0	SPST-NO	Silver alloy	5A 30 VDC or 250 VAC	4.5-24	110	3000	PCB
FTR-LY	Slim and 6A SPDT	28.0 x 5.0 x 15.0	SPST-NO, SPDT	Silver alloy	6A 250 VAC	5-48	170-217	4000	PCB
JS	Low profile and 10A maximum carry	29.0 x 10.0 x 12.5	SPST-NO, SPDT	Silver alloy	8A 24 VDC or 250 VAC	5-60	220-290	5000	PCB
JS-KS	Low profile and 65A inrush current	29.0 x 10.0 x 12.5	SPST-NO	Silver tin oxide	8A 24 VDC or 250 VAC	6-60	220-290	5000	PCB
JY	Industrial standard pins	20.0 x 10.0 x 12.8	SPST-NO	Silver alloy	5A 30 VDC or 250 VAC	4.5-48	200-360	2000	PCB
FTR-F3	Slim and low cost	20.3 x 7.0 x 15.0	SPST-NO	Silver nickel	5A 30 VDC or 250 VAC	5-24	200	4000	PCB
FTR-F2	Power switching and low cost	24.0 x 11.0 x 25.0	SPST-NO	Silver tin oxide	5A 30 VDC or 250 VAC	5-48	250-530	4000	PCB
FTR-H2	Power switching and low cost	24.0 x 11.0 x 25.0	SPST-NO	Silver tin oxide	10A 30 VAC or 250 VAC	5-48	250-530	4000	PCB
FTR-K2	Power switching and low cost	24.0 x 11.0 x 25.0	SPST-NO	Silver tin oxide	16A 30 VAC or 250 VAC	5-48	530	4000	PCB
FTR-H1	Industrial standard pins	28.0 x 12.8 x 16.5	SPST-NO, SPDT	Silver tin oxide	10A 30 VAC or 250 VAC	4-48	400-530	5000	PCB
FTR-H3	Quiet relay	28.8 x 13.7 x 18.8	SPST-NO	Silver tin oxide	10A 30 VAC or 250 VAC	3-48	530	5000	PCB
FTR-K1	Industrial standard pins	29.0 x 12.7 x 15.7	SPST-NO, SPDT	Silver tin oxide	16A 24 VDC or 250 VAC	5-48	400	5000	PCB
FTR-K1 80A Inrush	80A inrush	29.0 x 12.7 x 15.7	SPST-NO, SPDT	Silver tin oxide	16A 24 VDC or 250 VAC	5-48	400	5000	PCB
FTR-K1 High temp.	16A 105C operation	29.0 x 12.7 x 15.7	SPST-NO, SPDT	Silver tin oxide	16A 24 VDC or 250 VAC	5-48	400	5000	PCB
FTR-K1 Tab	17A tab terminal	29.0 x 12.7 x 15.8	SPST-NO	Silver tin oxide	17A 250 VAC	5-48	400	5000	PCB
FTR-F1	Industrial standard pins	29.0 x 12.8 x 16.5	DPST-NO, DPDT	Silver tin oxide	8A 24 VDC or 250 VAC	1.5-48	400	5000	PCB
FTR-K3	20A compact size	30.1 x 15.7 x 24.1	SPST-NO	Silver alloy	20A 250 VAC	5-24	780	5000	PCB