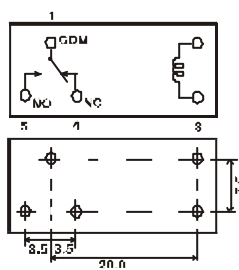


FUJITSU TAKAMISAWA RELAY SELECTION GUIDE

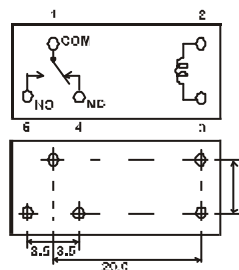
Power Relays

Series Name	FTR-H1	VS	FBR610R	VSB	FBR610K
Outer view					
W x L x H (mm)	12.3 x 28.0 x 16.5	12.9 x 29.2 x 25.3	12.6 x 28.7 x 24.7	12.8 x 29.2 x 25.3	12.6 x 28.7 x 21.7
Unit Mass (Approx)	12.0g	17.0g	16.0g	18.0g	18.0g
Contact Arrangement	1a, 1c (1 Form A, C)	1a, 1c (1 Form A, C)	1a, 1b, 1c (1 Form A, B, C)	1a, 1c (1 Form A, C)	1a, 1b, 1c (1 Form A, B, C)
Contact Rating (A)	(12A Carry) 10A 5A 3A 2A 1A	(15A Carry) 5A (14A Carry) 10A 10A	(14A Carry) 10A 10A 10A	(16A Carry) 16A	(18A Carry) 16A 16A 10A
Minimum Switching Load (ref)	5VDC 13mA	6VDC 133mA 5VDC 133mA	5VDC 100mA	5VDC 100mA	5VDC 119mA
Contact Rating (Resistive Load)	30 VDC/250 VAC 10A	VS NR 24 VDC/170 VAC 1.5A VS 24 VDC/240 VAC 10A	30 VDC/240 VAC 10A	30 VDC/250 VAC 16A	Form 1a, 1b 30 VDC/240 VAC 16A Form 1c 30 VDC/240 VAC 10A
Coil Voltage (DC)	5 to 48 V	3 to 160 V	5 to 80 V	3 to 100 V	5 to 60 V
Nominal Power (DC)	0.53 W	0.53W/ 0.75 W	0.5 W	0.53W/ 0.75 W	0.5 W
Dielectric Strength	Open Contacts	1000 VAC	1000 VAC	1000 VAC	1000 VAC
	Coil and Contacts	5,000 VAC	5,000 VAC	5,000 VAC	5,000 VAC
Surge Strength (Coil and Contacts)	10,000 v	10,000 V	10,000 V	10,000 V	10,000 V
Expected Life	Mechanical	20 x 10 ⁶ ops	20 x 10 ⁶ ops	20 x 10 ⁶ ops	20 x 10 ⁶ ops
	Electrical (Rated Load)	100 x 10 ³ ops	100 x 10 ³ ops	100 x 10 ³ ops	100 x 10 ³ ops
Safety Standards	UL, CSA, IEC, BS (Conforms with UL, VDE, SEMCO, FIMCO, SEVKG)	UL, CSA, VDE, SEV, SEVCC, FIMCO, IMQ	UL, CSA, VDE	UL, CSA, VDE, SEV, SEMCO, IMCO, GVE, BS	UL, CSA, VDE
Remarks	Plastic Sealed Type Compatible with VS & FBR610 Type IV-5 type available	Plastic Sealed Type available IV-5 type available	Plastic Sealed Type available	Plastic Sealed Type	Plastic Sealed Type available

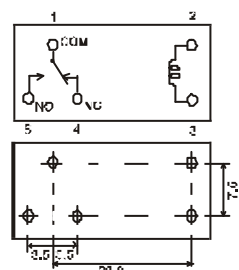
**FUJITSU
TAKAMISAWA
RELAYS**



Part Number	Voltage
FTR-H1CA05V	5V
FTR-H1CA012V	12V
FTR-H1CA024V	24V
FTR-H1CA048V	48V

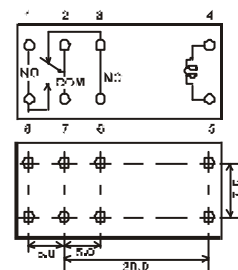


Part Number	Voltage
VS-12STCUE	12V
VS-24STCUE	24V



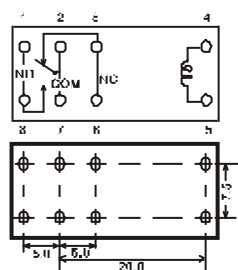
Part Number	Voltage
FBR611-DO12R	12V
FBR611-DO24R	24V

Same as:
FTR-H1 Series
VS- Series



Part Number	Voltage
VSB-06STC	6V
VSB-12SMB	12V
VSB-12STC	12V

Same as:
FBR611K- Series
HRM2H Series



Part Number	Voltage
FBR611-DO12K	12V
FBR611-DO24K	24V
FBR611-DO48K	48V

Same as:
VSB- Series
HRM2H Series