



FEATURES

- Miniature size with universal terminal footprint
- High contact capacity: 10 A
- TV-5 type available (Standard type)
1 Form A type → TV-5
1 Form C type → TV-5 (N.O. side only)
- VDE, TÜV also approved
- Sealed construction for automatic cleaning (Standard type)
- Class B and F coil insulation type also available.
- EN60335-1 GWT compliant (Tested by VDE) type available
- Surge voltage 6 kV type also available

TYPICAL APPLICATIONS

1. Home appliances
Air conditioner, heater, etc.
2. Office machines
PPC, facsimile, etc.
3. Vending machines

ORDERING INFORMATION

JS - - - - F -

Contact arrangement

- 1: 1 Form C (Standard)
1a: 1 Form A (Standard)
1aP: 1 Form A (Long endurance type)

Protective construction

- Nil: Sealed type
F: Flux-resistant type

Coil insulation class

- Nil: Class E insulation
B: Class B insulation
F: Class F insulation

Nominal coil voltage (DC)

5V, 6V, 9V, 12V, 18V, 24V, 48V

Contact material

F: AgSnO₂ type

Flame resistance and tracking resistance

- Nil: –
TT: EN60335-1 (Conform)

Surge voltage

6K: 6kV type

Standard: UL, CSA, VDE, TÜV (Standard type)

UL, CSA, VDE (Long endurance type and EN60335-1 GWT compliant type)

UL, CSA (Surge voltage 6kV type)

Notes: 1. When ordering TV rated (TV-5) types, add suffix -TV.

2. Contact arrangement 1aP type is Flux-resistant type only (Class B insulation only).

TYPES

Contact arrangement	Nominal coil voltage	Sealed type	Flux-resistant type
		Part No.	Part No.
1 Form A (Standard)	5V DC	JS1a-5V-F	JS1aF-5V-F
	6V DC	JS1a-6V-F	JS1aF-6V-F
	9V DC	JS1a-9V-F	JS1aF-9V-F
	12V DC	JS1a-12V-F	JS1aF-12V-F
	18V DC	JS1a-18V-F	JS1aF-18V-F
	24V DC	JS1a-24V-F	JS1aF-24V-F
	48V DC	JS1a-48V-F	JS1aF-48V-F
1 Form A Long endurance type	5V DC	–	JS1aPF-B-5V-F
	6V DC	–	JS1aPF-B-6V-F
	9V DC	–	JS1aPF-B-9V-F
	12V DC	–	JS1aPF-B-12V-F
	18V DC	–	JS1aPF-B-18V-F
	24V DC	–	JS1aPF-B-24V-F
	48V DC	–	JS1aPF-B-48V-F
1 Form C (Standard)	5V DC	JS1-5V-F	JS1F-5V-F
	6V DC	JS1-6V-F	JS1F-6V-F
	9V DC	JS1-9V-F	JS1F-9V-F
	12V DC	JS1-12V-F	JS1F-12V-F
	18V DC	JS1-18V-F	JS1F-18V-F
	24V DC	JS1-24V-F	JS1F-24V-F
	48V DC	JS1-48V-F	JS1F-48V-F

Standard packing Carton: 100 pcs. Case: 500 pcs.
Notes: 1. Class B and F coil insulation types available.
Ex) JS1aF-B-12V-F, JS1aF-F-12V-F
2. EN60335-1 GWT compliant types available. When ordering, please add suffix "TT".
Ex) JS1aF-B-12V-FTT

Contact arrangement	Nominal coil voltage	Sealed type	Flux-resistant type
		Part No.	Part No.
1 Form A (Standard)	5V DC	JS1a-5V-FTT	JS1aF-5V-FTT
	6V DC	JS1a-6V-FTT	JS1aF-6V-FTT
	9V DC	JS1a-9V-FTT	JS1aF-9V-FTT
	12V DC	JS1a-12V-FTT	JS1aF-12V-FTT
	18V DC	JS1a-18V-FTT	JS1aF-18V-FTT
	24V DC	JS1a-24V-FTT	JS1aF-24V-FTT
	48V DC	JS1a-48V-FTT	JS1aF-48V-FTT
1 Form A Long endurance type	5V DC	–	JS1aPF-B-5V-FTT
	6V DC	–	JS1aPF-B-6V-FTT
	9V DC	–	JS1aPF-B-9V-FTT
	12V DC	–	JS1aPF-B-12V-FTT
	18V DC	–	JS1aPF-B-18V-FTT
	24V DC	–	JS1aPF-B-24V-FTT
	48V DC	–	JS1aPF-B-48V-FTT
1 Form C (Standard)	5V DC	JS1-5V-FTT	JS1F-5V-FTT
	6V DC	JS1-6V-FTT	JS1F-6V-FTT
	9V DC	JS1-9V-FTT	JS1F-9V-FTT
	12V DC	JS1-12V-FTT	JS1F-12V-FTT
	18V DC	JS1-18V-FTT	JS1F-18V-FTT
	24V DC	JS1-24V-FTT	JS1F-24V-FTT
	48V DC	JS1-48V-FTT	JS1F-48V-FTT

3. Surge voltage 6kV types available. When ordering, please add suffix "6K" (except for Long endurance type and EN60335-1 GWT compliant type).
Ex) JS1aF-B-12V-F-6K