

TYPES

1. Relay

Contact arrangement		Nominal voltage	Without LED indication	With LED indication
			Part No.	Part No.
4 poles	2 Form A/2 Form B	12 V DC	SFS2-DC12V	SFS2-L-DC12V
		18 V DC	SFS2-DC18V	SFS2-L-DC18V
		21 V DC	SFS2-DC21V	SFS2-L-DC21V
		24 V DC	SFS2-DC24V	SFS2-L-DC24V
		48 V DC	SFS2-DC48V	SFS2-L-DC48V
	3 Form A/1 Form B	12 V DC	SFS3-DC12V	SFS3-L-DC12V
		18 V DC	SFS3-DC18V	SFS3-L-DC18V
		21 V DC	SFS3-DC21V	SFS3-L-DC21V
		24 V DC	SFS3-DC24V	SFS3-L-DC24V
		48 V DC	SFS3-DC48V	SFS3-L-DC48V
6 poles	4 Form A/2 Form B	12 V DC	SFS4-DC12V	SFS4-L-DC12V
		18 V DC	SFS4-DC18V	SFS4-L-DC18V
		21 V DC	SFS4-DC21V	SFS4-L-DC21V
		24 V DC	SFS4-DC24V	SFS4-L-DC24V
		48 V DC	SFS4-DC48V	SFS4-L-DC48V
	5 Form A/1 Form B	12 V DC	SFS5-DC12V	SFS5-L-DC12V
		18 V DC	SFS5-DC18V	SFS5-L-DC18V
		21 V DC	SFS5-DC21V	SFS5-L-DC21V
		24 V DC	SFS5-DC24V	SFS5-L-DC24V
		48 V DC	SFS5-DC48V	SFS5-L-DC48V
	3 Form A/3 Form B	12 V DC	SFS6-DC12V	SFS6-L-DC12V
		18 V DC	SFS6-DC18V	SFS6-L-DC18V
		21 V DC	SFS6-DC21V	SFS6-L-DC21V
		24 V DC	SFS6-DC24V	SFS6-L-DC24V
		48 V DC	SFS6-DC48V	SFS6-L-DC48V

2. Accessories

Type	No. of poles	Part No.
PC board sockets	4 poles	SFS4-PS
	6 poles	SFS6-PS
DIN terminal socket	4 poles	SFS4-SFD
	6 poles	SFS6-SFD

COIL DATA (at 20°C 68°F)

Contact arrangement		Nominal voltage, V DC	Pick-up voltage, V DC (max.) (initial)	Drop-out voltage, V DC (min.) (initial)	Nominal operating current, mA (±10%)	Coil resistance Ω (±10%)	Nominal operating power, mW	Max. allowable voltage, V DC
4 poles	2 Form A/2 Form B	12	9	1.2	30	400	Approx. 360	13.2
		18	13.5	1.8	20	900		19.8
		21	15.75	2.1	17.1	1,225		23.1
		24	18	2.4	15	1,600		26.4
		48	36	4.8	7.5	6,400		52.8
	3 Form A/1 Form B	12	9	1.2	30	400		13.2
		18	13.5	1.8	20	900		19.8
		21	15.75	2.1	17.1	1,225		23.1
		24	18	2.4	15	1,600		26.4
		48	36	4.8	7.5	6,400		52.8
6 poles	4 Form A/2 Form B	12	9	1.2	41.7	288	Approx. 500	13.2
		18	13.5	1.8	27.8	648		19.8
		21	15.75	2.1	23.8	882		23.1
		24	18	2.4	20.8	1,152		26.4
		48	36	4.8	10.4	4,608		52.8
	5 Form A/1 Form B	12	9	1.2	41.7	288		13.2
		18	13.5	1.8	27.8	648		19.8
		21	15.75	2.1	23.8	882		23.1
		24	18	2.4	20.8	1,152		26.4
		48	36	4.8	10.4	4,608		52.8
	3 Form A/3 Form B	12	9	1.2	41.7	288		13.2
		18	13.5	1.8	27.8	648		19.8
		21	15.75	2.1	23.8	882		23.1
		24	18	2.4	20.8	1,152		26.4
		48	36	4.8	10.4	4,608		52.8

Note: The nominal operating current of the LED indication type increases approximately 2 mA because of the light emitting diode display.