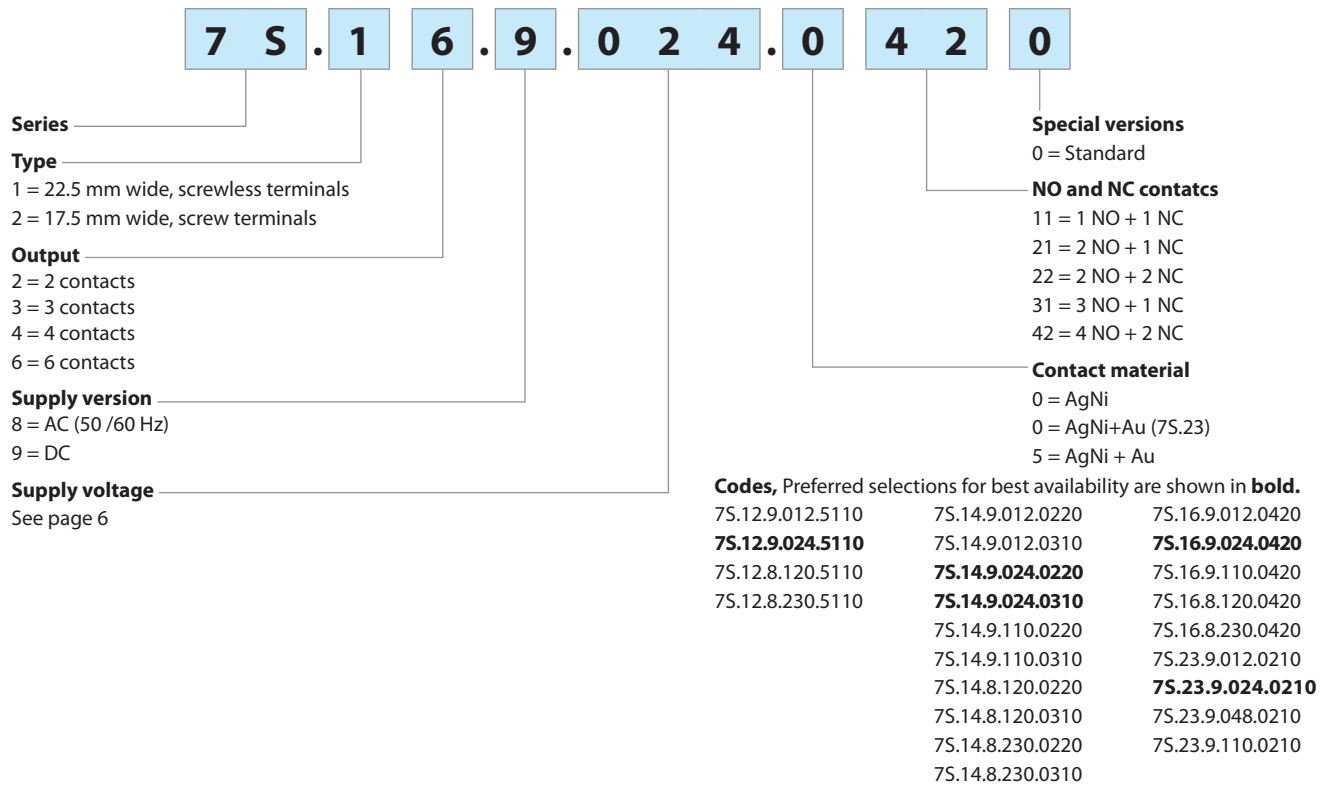


Ordering information

Example: 7S series Relay module with forcibly guided contacts, 6 contact (4 NO + 2 NC) 6 A, supply voltage 24 V DC.



Technical data

Insulation according to EN 61810-1

Nominal voltage of supply system	V AC	230/400
Rated insulation voltage	V AC	250
Pollution degree		2

Insulation between coil and contact set

Type of Insulation	Reinforced*	Basic*	Reinforced*
Overvoltage category	III	III	II
Rated impulse voltage	kV (1.2/50 μs)	6	4
Dielectric strength	V AC	4000	2500

Insulation between adjacent contacts

Type of Insulation	Reinforced*	Basic*	Reinforced*
Overvoltage category	III	III	II
Rated impulse voltage	kV (1.2/50 μs)	4	4
Dielectric strength	V AC	2500	2500

Insulation between open contacts

Type of disconnection	Micro-disconnection
Dielectric strength	V AC/kV (1.2/50 μs) 1500/2.5

* Tables below indicate, for each 7S type, those contacts (R) meeting Reinforced Insulation Overvoltage category III, those contacts (R2) meeting Reinforced Insulation Overvoltage category II, and those contacts (B) meeting Basic Insulation Overvoltage category III.

EMC specifications			Reference standard		
Burst (5/50 ns)	on supply terminals		EN 61000-4-4	4 kV	
Surge (1.2/50 μs) on supply terminals	differential mode		EN 61000-4-5	1.5 kV	
Terminals			solid cable		stranded cable
Max. wire size		mm²	1 x 1.5	1 x 1.5	
		AWG	1 x 14	1 x 16	
Wire strip length		mm	9		
Other data			7S.12	7S.14	7S.16
Bounce time: NO/NC		ms	2/8	1/20	1/20
Vibration resistance (10...200)Hz: NO/NC		g	10/5	15/4	15/4
Shock resistance: NO/NC		g	20/6	25/13	25/13
Power lost to the environment	without contact current	W	0.8	0.8	0.8
	with rated current	W	1.4	2.3	2.8

Type of insulation between coil and contacts and between adjacent contacts

Code		
Type of Insulation	Overvoltage category	
R Reinforced	III	
B Basic	III	
R2 Reinforced	II	

7S.12....5110			
	Coil	13-14	21-22
Coil	—	R	R
13-14		—	B/R2
21-22			—

7S.14....0310					
	Coil	13-14	21-22	33-34	43-44
Coil	—	B	R	R	R
13-14		—	B	R	R
21-22			—	R	R
33-34				—	B/R2
43-44					—

7S.16....0420							
	Coil	13-14	21-22	31-32	43-44	53-54	63-64
Coil	—	B	R	R	R	R	R
13-14		—	B	R	R	R	R
21-22			—	R	R	R	R
31-32				—	B/R2	R	R
43-44					—	B/R2	R
53-54						—	B/R2
63-64							—

7S.14....0220					
	Coil	11-12	21-22	33-34	43-44
Coil	—	R	R	R	R
11-12		—	R	R	R
21-22			—	R	R
33-34				—	B/R2
43-44					—