

Starting Capacitor NJS Series



Construction

- Dielectric: polypropylene film.
- Plastic & Box can.
- Dry type.

Features

- Self-heating properties.
- Low dissipation factor.
- P0 safety class to IEC 60252-1.
- High insulation resistance.

Typical applications

- For general sine wave applications, mainly as motor starting capacitor.

Terminals

- Fast on
- Tinned Copper Wire

Technical data and specifications

Reference standards	IEC 60252-1
Safety class according IEC 60252-1	P0
Life expectancy to IEC 60252-1	3,000(C) ~ 10,000h(B)
Rated capacitance CR	0.5μF ~ 30μF (MFD)
Tolerance	± 5%
Rated voltage VR	110VAC ~ 630VAC
Rated frequency FR	50/60Hz
Maximum permissible votage Vmax	1.1 × VR (VR=Rated voltage)
Maximum permissible current Imax	1.3 × IR (IR=Rated current)
AC test voltage terminal to terminal V _{TT}	2 × VR, 2s (routine test)
	2 × VR, 60s (type test)
Dissipation factor tan δ	≤0.002 (50Hz)
Climate types	25/085/21 to IEC 60068-1

Dimensions (mm)

Capacitance (uF/MFD)	250-300Vac			450-500Vac		
	L	W	H	L	W	H
0.5	37	13	23	37	13	23
1	37	13	23	37	13	23
1.5	37	13	23	37	13	23
2	37	13	23	37	13	23
2.5	37	13	23	47	18	29
3	47	18	29	47	18	29
3.5	47	18	29	47	18	29
4	47	18	29	47	18	34
5	47	18	29	47	22	34
6	47	18	34	47	22	34
8	47	22	34	48	26	38
10	47	22	34	58	26	44
12	48	26	38	58	26	44
12.5	48	26	38	58	26	44
14	48	26	38	58	26	44
15	48	26	38	58	26	44
16	48	26	38	58	26	44
18	58	26	44	58	26	44
20	58	26	44	55	32	49
22	58	26	44	55	32	49
24	55	32	49	55	32	49
25	55	32	49	55	32	49
28	55	32	49	55	32	49
30	55	32	49	55	32	49