



Starting Capacitor NJS Series



Construction

- Dielectric: polypropylene film
- Aluminum Round & Oval can
- Oil type

Features

- Self-heating properties.
- Low dissipation factor.
- Explosion proof device
- Highest safety level P2 safety class to IEC 60252-1
- High insulation resistance

Terminals

- Fast on

Mounting parts (optional)

- Threaded stud at bottom of can (M8, max.torque=5 Nm).
- Fast fixation for mounting into a hole of Ø8 mm.

Technical data and specifications

Reference standards	IEC 60252-1
Safety class according IEC 60252-1	P2
Life expectancy to IEC 60252-1	3,000(C) ~ 10,000h(B)
Rated capacitance CR	2µF ~ 150µF (MFD)
Tolerance	± 5%
Rated voltage VR	110VAC ~ 630VAC
Rated frequency FR	50/60Hz
Maximum permissible votage Vmax	1.1 x VR (VR=Rated voltage)
Maximum permissible current Imax	1.3 x IR (IR=Rated current)
AC test voltage terminal to terminal VTT	2 x VR, 2s (routine test) 2 x VR, 60s (type test)
Insulation voltage terminal to case	1.75 x VR, 2s (type test) 1.75 x VR, 60s (routine test)
Dissipation factor tan δ	≤0.002 (50Hz)
Climate types	25/085/21 to IEC 60068-1

Dimensions (mm) (Single)

(uF/ MFD)	Cylinder Case				Oval Case	
	370VAC		440/450VAC		370VAC	440/450VAC
	Φ	H	Φ	H	LxBxH	LxBxH
2	40	60	40	60	50x32x60	50x32x60
4	40	60	40	60	50x32x60	50x32x60
6	40	60	40	60	50x32x60	50x32x60
7.5	40	60	40	60	50x32x60	50x32x60
8	40	60	40	70	50x32x60	50x32x60
10	40	70	40	70	50x32x60	50x32x60
12	40	70	40	80	50x32x60	70x45x80
12.5	40	70	40	80	50x32x60	70x45x80
14	40	80	40	80	50x32x60	70x45x80
15	40	80	40	80	50x32x60	70x45x80
16	40	80	45	90	70x45x80	70x45x80
18	40	80	45	90	70x45x80	70x45x80
20	40	80	45	90	70x45x80	70x45x80
21.5	40	80	45	90	70x45x80	70x45x80
22.5	40	80	45	90	70x45x80	70x45x80
25	45	90	45	90	70x45x80	70x45x80
30	50	100	50	100	70x45x90	70x45x80
35	50	100	50	110	70x45x80	70x45x80
40	50	110	50	110	70x45x90	70x45x110
45	50	110	50	120	70x45x90	70x45x110
50	50	110	50	120	70x45x90	70x45x110
55	55	130	55	130	70x45x110	70x45x110
60	55	130	55	130	70x45x110	70x45x130
70	60	120	60	120	70x45x130	70x45x130
80	60	120	60	130	70x45x130	70x45x130
90	60	120	60	130	70x45x130	70x45x130
100	60	120	60	130	70x45x130	70x45x130

Dimensions (mm) (Dual)

(uF/ MFD)	Cylinder Case				Oval Case	
	370VAC		440/450VAC		370VAC	440/450VAC
	Φ	H	Φ	H	LxBxH	LxBxH
15 + 1.5	45	90	45	90	70x45x80	70x45x80
15 + 2.5	45	90	45	90	70x45x80	70x45x80
15 + 3	45	90	45	90	70x45x80	70x45x80
15 + 5	45	90	45	90	70x45x80	70x45x80
20 + 1.5	45	90	45	90	70x45x80	70x45x80
20 + 3	45	90	45	90	70x45x80	70x45x80
20 + 5	45	90	45	90	70x45x80	70x45x80
25 + 1.5	45	90	50	100	70x45x80	70x45x90
25 + 2.5	45	90	50	100	70x45x90	70x45x90
25 + 5	45	90	50	100	70x45x90	70x45x90
30 + 2	50	100	50	100	70x45x90	70x45x90
30 + 5	50	100	50	110	70x45x90	70x45x90
35 + 1.5	50	100	50	110	70x45x90	70x45x90
35 + 3	50	100	50	110	70x45x90	70x45x90
40 + 2	50	110	50	110	70x45x90	70x45x110
40 + 2.5	50	110	50	110	70x45x90	70x45x110
50 + 1.5	50	120	50	120	70x45x110	70x45x110
50 + 3	50	120	50	120	70x45x110	70x45x110
50 + 5	50	120	50	120	70x45x110	70x45x110
50 + 6	50	120	50	120	70x45x110	70x45x110
55 + 4	55	120	55	130	70x45x110	70x45x130
55 + 6	55	120	55	130	70x45x110	70x45x130
60 + 1.5	55	120	55	130	70x45x130	70x45x130
60 + 3	55	130	55	130	70x45x130	70x45x130
60 + 5	60	135	60	135	70x45x130	70x45x130
60 + 7.5	60	135	60	135	70x45x130	70x45x130
65 + 5	60	135	60	135	70x45x130	70x45x130
65 + 7.5	60	135	65	135	70x45x130	70x45x130
80 + 6	65	135	65	135	70x45x130	70x45x130
80 + 7.5	65	135	65	135	70x45x130	70x45x130