

MPP FILM CAPACITORS		PLASTIC ENCAPSULATION
PRW/PRE SERIES	PRU/PRL SERIES	PTU/PTS SERIES



I. PRW/ PRE SERIES



II. PRU/ PRL SERIES



III. PTU/ PTL SERIES

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These motor run capacitor type MPP-SH are available in PP can encapsulation. These versions are available with resin top or terminal board top sealing. The lead out is through either ‘U’ terminal, ‘L’ terminal or straight terminal or with flexible multistrand copper wire.

I. PRW / PRE series

These series capacitors are with resin top sealing and lead out using flexible multistrand copper wire with PP can encapsulation. PRW series is with nominal wire length and PRE series is with extra wire length.

II. PRU / PRL series

These series capacitors are with resin top sealing, PP can encapsulation and lead out using mild steel tin plated terminals. PRU series are with ‘U’ terminal lead out and PRL series with ‘L’ terminal lead out.

III. PTU / PTS series

These series capacitors are with terminal board top sealing, PP can encapsulation and lead out using mild steel tin plated terminals. PTU series are with ‘U’ terminal lead out and PTS series are with straight terminal lead out.

Constructional Features

Casing : PP
 Dielectric : Polypropylene
 Top sealing : Resin top / terminal board
 Lead out : Wire / ‘U’ terminal / ‘L’ terminal / Straight terminal

Salient Features

- i) Self healing properties
- ii) High insulation resistance
- iii) Low dissipation factor
- iv) MPP-SH film of reputed imported make
- v) Capacitor elements wound using fully automatic microprocessor controlled winding machine imported from Switzerland.

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Technical Specifications

Capacitance range	:	2.0 μ F to 72 μ F
Rated capacitance tolerance	:	\pm 5%
Rated voltage	:	250Vac / 440Vac
Rated frequency	:	50/60Hz
Temperature category	:	-25 ⁰ C to +85 ⁰ C
Reference Standard	:	IS 1709 / IS 2993 / IEC 252

Mechanical Dimensions

Sl. No.	Rating (μF)	Size (\varnothingXL) in mm	Volt (AC)	Termination	WC/TC	Series
1.	2	30x65	440	Straight term	WC	PTS
2.	2	30x52	440	Wire	WC	PRW
3.	2.25	30x65	440	Straight term	WC	PTS
4.	2.25	30x52	440	Wire	WC	PRW
5.	2.25	27x52	440	Wire	WC	PRW
6.	2.5	30x65	440	Straight term	WC	PTS
7.	2.5	30x52	440	Wire	WC	PRW
8.	2.5	25x42	440	Wire	WC	PRW
9.	2.5	27x52	440	Wire	WC	PRW
10.	3	30x65	440	Straight term	WC	PTS
11.	3	30x52	440	Wire	WC	PRW
12.	3.15	30x65	440	Straight term	WC	PTS
13.	3.15	30x52	440	Wire	WC	PRW
14.	3.5	30x65	440	Straight term	WC	PTS
15.	3.5	30x52	440	Wire	WC	PRW
16.	4	30x65	440	Straight term	WC	PTS
17.	4	30x52	440	Wire	WC	PRW
18.	4	35x65	440	L terminal	WC	PRL
19.	5	35x68	440	Wire	TC	PRW
20.	6	35x68	440	Wire	TC	PRW
21.	6	35x65	440	L terminal	WC	PRL
22.	8	35x86	440	Wire	TC	PRW
23.	8	35x82	440	L terminal	WC	PRL
24.	10	30x52	440	Wire	TC	PRW
25.	10	35x86	440	Wire	TC	PRW
26.	10	38x86	440	Wire	TC	PRW

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Sl. No.	Rating (µF)	Size (ØXL) in mm	Volt (AC)	Termination	WC/TC	Series
27.	10	35x82	440	L terminal	WC	PRL
28.	12.5	38x86	440	Wire	TC	PRW
29.	12.5	38x82	440	L terminal	WC	PRL
30.	15	40x86	440	Wire	TC	PRW
31.	15	40x82	440	L terminal	WC	PRL
32.	18	45x110	440	Wire	TC	PRW
33.	18	45x110	440	U terminal	WC	PRU
34.	20	45x110	440	U terminal	WC	PTU
35.	20	45x110	440	Wire	TC	PRW
36.	20	45x110	440	Wire	TC	PRE
37.	20	45x110	440	U terminal	WC	PRU
38.	25	45x110	440	U terminal	WC	PTU
39.	25	45x110	440	Wire	TC	PRW
40.	25	45x110	440	U terminal	WC	PRU
41.	30	45x110	440	U terminal	WC	PTU
42.	30	45X140	440	U terminal	WC	PTU
43.	30	45x110	440	Wire	TC	PRW
44.	30	45x110	440	U terminal	WC	PRU
45.	33	45x90	250	Wire	TC	PRW
46.	33	45x86	250	U terminal	WC	PRU
47.	36	45X140	440	Wire	TC	PRW
48.	36	45x110	440	Wire	TC	PRW
49.	36	45X140	440	U terminal	WC	PRU
50.	36	45X110	440	U terminal	WC	PRU
51.	40	50x140	440	U terminal	WC	PTU
52.	40	50x140	440	Wire	TC	PRW
53.	40	50x140	440	U terminal	WC	PRU
54.	45	50x140	440	U terminal	WC	PTU
55.	45	50x140	440	Wire	TC	PRW
56.	45	50x140	440	U terminal	WC	PRU
57.	50	50x140	440	Wire	TC	PRW
58.	50	50x140	440	U terminal	WC	PRU
59.	60	50x140	440	Wire	TC	PRW
60.	60	50x140	440	Wire	TC	PRW
61.	60	50x140	440	U terminal	WC	PRU
62.	72	54x140	440	Wire	TC	PRW