

ARW-PB SERIES

Al can construction with resin top and flexible multistrand wire lead out for panel board application

Metallised Polypropylene (MPP) Capacitors are film Capacitors, made out of two Al-Zn metallised films with plastic film acting as dielectric. ARW-PB series MPP Capacitors are with resin top sealing, flexible multistrand copper wire lead out and encapsulated in Al can with black cap.

1. SPECIFICATIONS

Series	ARW-PB Series
Type	Metalized Polypropylene Capacitors for panel board application
Rated Voltage	440 Vac
Rated Frequency	50/60 Hz
Climatic Category	-25/85°C/21
Type	MPP-SH
Safety Protection	S0
Capacitance Range	8 to 72 μ F
Capacitance Tolerance	$\pm 5\%$
Class of Operation	Class D

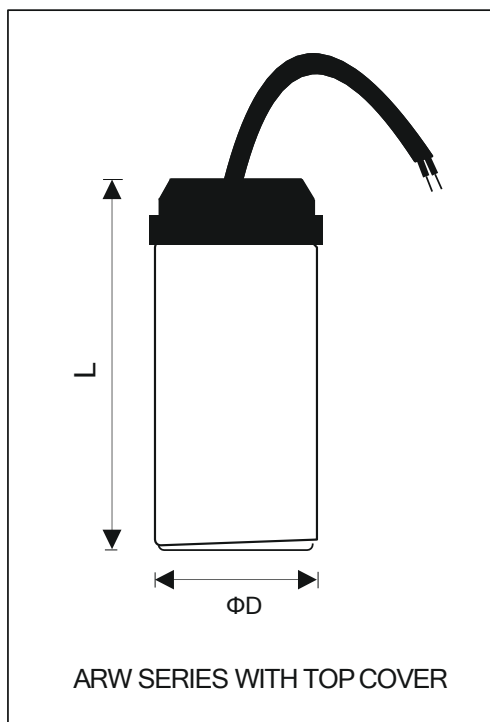
2. OTHER INFORMATION

Type of packing and Lead configuration	Bulk. Multistrand copper wire lead out.
Capacitor codification system	Refer section 6 for details
Dimensional specification	Refer section 4 for details
Marking specification	Refer section 7 for details

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3. PHYSICAL OUTLINE



All Dimensions are in “mm”

4. DIMENSIONS (All units in mm)

Case Code	Diameter $\varnothing D \pm 0.2$ (mm)	Length L (mm)
EK	30	71
GK	35	71
GN	35	86
GT	35	112
JN	40	86
JT	40	112
LT	45	112
LY	45	140

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5. STANDARD RATING TABLE

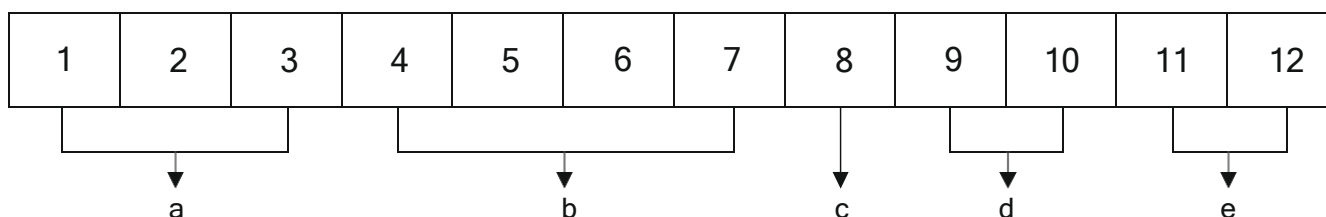
Part Number	Rating (μ F)	Diameter $\varnothing D \pm 0.2$ (mm)	Length L (mm)	Case Code	Wire Length (mm)
ARW08R0GEKPB	8	30	71	EK	250 \pm 5
ARW08R0GGKPB	8	35	71	GK	250 \pm 5
ARW10R0GGKPB	10	35	71	GK	250 \pm 5
ARW12R5GGKPB	12.5	35	71	GK	250 \pm 5
ARW15R0GGNPB	15	35	86	GN	250 \pm 5
ARW18R0GJNPB	18	40	86	JN	250 \pm 5
ARW20R0GJNPB	20	40	86	JN	250 \pm 5
ARW25R0GGTPB	25	35	112	GT	250 \pm 5
ARW25R0GJTPB	25	40	112	JT	250 \pm 5
ARW25R0GLTPB	25	45	112	LT	250 \pm 5
ARW30R0GJTPB	30	40	112	JT	250 \pm 5
ARW36R0GJTPB	36	40	112	JT	250 \pm 5
ARW36R0GLTPB	36	45	112	LT	250 \pm 5
ARW40R0GLTPB	40	45	112	LT	250 \pm 5
ARW45R0GLTPB	45	45	112	LT	250 \pm 5
ARW50R0GLTPB	50	45	112	LT	250 \pm 5
ARW60R0GLTPB	60	45	112	LT	250 \pm 5
ARW72R0GLYPB	72	45	140	LY	250 \pm 5

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6. CAPACITOR ORDERING INFORMATION

Capacitors are identified with the help of a 12-digit code. Expansion of part Nos are detailed below.



a	b	c	d	e
Series Code	Capacitance Value Code	Voltage Code	Case Code	Top Cover Details
ARW: Al can, Resin Top, Wire termination	Eg: (1) 50 μ F is coded as 50R0 (For the range of Capacitance refer rating table)	A - 110 V	Eg: LT –45 x 112	PB – For Panel Board application
		B – 230 V		
		G – 440 V		

Eg: ARW Series 50 μ F/440VAC
With top cover

A	R	W	5	0	R	0	G	L	T	P	B
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For panel board application

Case size - 45 X 112L mm

Rated Voltage - 440Vac

Capacitance Value - 50 μ F

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7. MARKING ON THE CAPACITOR

For PRW-PB series MPP Capacitors product information is printed on the can in black letters.

The following information are marked on the Capacitor;

- | | | |
|---|---|----------------------------|
| 1) Manufacturer's Name and Logo |  | 2) Climatic Category |
| 3) Nominal capacitance value in μf | | 4) Capacitance tolerance |
| 5) Rated voltage | | 6) Rated frequency |
| 7) Self – healing (SH) | | 8) Class of operation |
| 9) Safety protection | | 10) Date code (Year-Month) |
| 11) Application | | |

8. DATE CODE

Year Code:

Year	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Letter Code	M	N	P	R	S	T	U	V	W	X

Year	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Letter Code	A	B	C	D	E	F	H	J	K	L

Year code repeats after each cycle of 20 years

Month Code:

Month	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Code	1	2	3	4	5	6	7	8	9	O	N	D

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9. PACKING QUANTITY

MPP Capacitors are packed in a PRIMARY cardboard carton by incorporating suitable SEPERATORS to avoid damages during transit. The primary cartons are then placed in a MOTHER Cardboard carton before shipment.

Packing quantity per primary carton are detailed below;

Case Code	No.s/ Carton
EK	100
GK	81
GN	81
GT	81
JN	64
JT	64
LT	49
LY	49