

AR - Serie - 5.000 HRS - 85°C
Applications

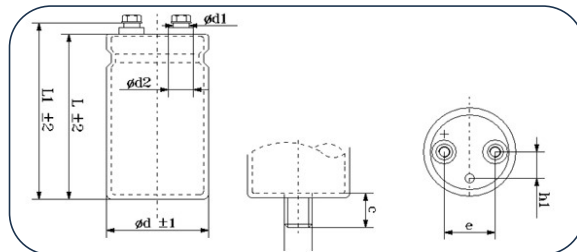
<i>Screw terminal</i>	<i>High Voltage</i>	<i>Extended temperature range -40°C + 85°C</i>
<i>Professional Application</i>	<i>Optimized designed available on request</i>	<i>Very High Reliability</i>

Case Code	DxL (mm)	L1 (mm)	h1	d1	d2	e
BC	51 x 105	111	13	13	18	22,2

Connecting screw		
Thread	Torque (Nm)	Lenght
M5	2	10

Mounting screw		
Thread	Torque (Nm)	Lenght
M12	10	16

All dimensions in mm, Torque in Nm



Ordering Code:	ARUX152X250BC1					Stud Style	
AR	(U)	X	152	X	250	BC	1
Series	U=mounting stud	Terminals	C with multiplying factor:	Tolerance	V _R	Size	1=sleeve 0=no sleeve
	Void=flat bottom		1=x10, 2=x100, 3=x1.000,				

Electrical Parameters

Capacitance:	1.500 uF (25°C 100Hz)
Capacitance tolerance:	X=-10% / +30%
Rated Voltage:	250 Vdc
Surge Voltage:	290 Vdc
ESR_{Max}:	127 mΩ (25°C 100Hz)
Tand_{Max}:	12 % (25°C 100Hz)
I_{ripple}:	4,39 A (105°C 100Hz)
I_{leakage}	≤0,004xCxV mA (rated voltage, 25°C, 5min)

Expected lifetime

5000hrs@85°C, Rated Voltage, Iripple
 180000hrs@45°C, Rated Voltage, Iripple
 End of life criteria:
 Dcap≤30%
 DESR≤3XESR_{Max}
 I_{leakage}≤I_{leakageMax}

Iripple=IripplemA (rated voltage, 25°C, 5min)xKtxKf Iripple determination

Frequency	Kf
50	0,79
100	1,00
120	1,04
200	1,12
300	1,16
400	1,20
500	1,22
>1000	1,25

Temperature	Kt
40	2,10
55	1,80
65	1,60
75	1,30
85	1,00
95	
105	

Special Features

Power Electronics, Professional Supplies, Medical devices,
 Energy Storage, UPS, Traction

Please contact our Technical Service for more information

Packaging	Qty/box	Weight/box
BC	30	6-9

All weights in kg

NOTE:


Quality and Environmental Integrated System up to EN ISO 14001:2004 EN ISO 9001: 2008

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