



AD - Serie
15.000 Hrs

- All welded connection
- High ripple / Heavy duty
- Optimized designed available on request



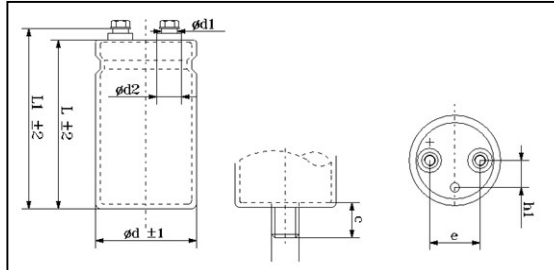
Itelcond

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Capacitor Specification
ADX162M450BB1

Code	DxL	L1	h1	d1	d2	e
BB	51X83	89	19	18	23	31,8
Connecting screw			Mounting screw			
Thread	Torque	Lenght	Thread	Torque	Lenght	
M5	2,0	10	M12	10	16	

All dimensions in mm, Torque in Nm



Electrical Parameters

Capacitance: 1600 μ F @ 100Hz
 Capacitance tolerance: M=+/-20%
 Rated Voltage: 450 Vdc
 Surge Voltage: 495 Vdc
 ESR_{Max}: 70 m Ω - @ 100 Hz 25°C
 Tand_{Max}: 7 % @ 100 Hz - 25° C
 I_{ripple}: 6,20 A@85°C
 I_{leakage}: 0,004xCxV mA@ 5min

Expected lifetime

15000hrs@, Rated Voltage, Iripple
 270000hrs@45°C, Rated Voltage, Iripple, when
 Dcaps $\leq$ 30%
 DESR $\leq$ 3XESR_{Max}
 I_{leakage} $\leq$ I_{leakageMax}

Iripple=IrippleA@85°CxKtxKf

Iripple determination

Frequency	Kf
50	0,72
100	1,00
120	1,03
200	1,14
300	1,24
400	1,29
500	1,32
>1000	1,37

Temperature	Kt
40	1,55
55	1,40
65	1,20
75	1,10
85	1,00
95	/
105	/

Special Features

Frequency converters, High ripple current,
Motor Drives, Welding Machines

*** Please contact our Technical Service for more
information or specific

Packaging	Qty/box	Weight/box
BB	30	9-12

All weights in kg



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

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For Terms and Conditions see our website www.itelcond.it