



AG - Serie

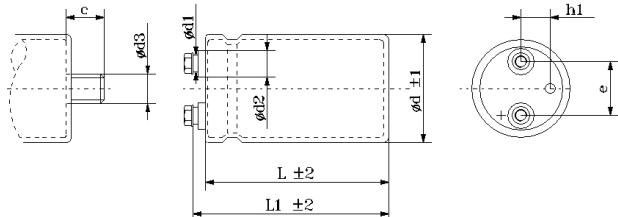
6.000 Hrs

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

Capacitor Specification

AG(U)X102M600BC1

Code	DxL	L1	h1	d1	d2	e
BC	51x105	109	13	13	18	22,5
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:	1000 μ F @ 100Hz
Capacitance tolerance:	M=±20% X=-10% +30% on request
Rated Voltage:	600 Vdc
Surge Voltage:	630 Vdc
ESR _{Max} :	165 m Ω
Tand _{Max} :	15 %
I _{ripple} :	4,10 A@85°C
I _{leakage} :	$\leq 0,004 \times C \times V$

Expected lifetime
6000hrs@ , Rated Voltage, Iripple
100000hrs@50° , Rated Voltage, Iripple, when
Dcaps≤30%
DESR≤3XESR _{Max}
Ileakage≤Ileakage _{Max}

Iripple=IrippleA@85°CxKtxKf

Iripple determination

Frequency	Kf
50	0,78
100	1,00
120	1,02
200	1,06
300	1,08
400	1,09
500	1,32
>1000	1,37

Temperature	Kt
40	1,80
55	1,65
65	1,45
75	1,25
85	1,00
95	/
105	/

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

All weights in kg

Special Features
Frequency converters, High ripple current, Motor Drives, Welding Machines
*** Please contact our Technical Service for more information

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



ITELCOND S.r.l.

Via C. Darwin 19 20019 Settimo Milanese (MI) – Italy

Tel. +390290362995 – Fax. +390290360740

email: itelcond@itelcond.it

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