

DATA SHEET

DC Filter Capacitor for Power Electronics

TYPE : PVAJP 24 - 1,1/415

Standard acc. to IEC 61071

Rated DC voltage	VDC	1 100
AC voltage max	Vrms	250
Capacitance	µF	415
C_N tolerance	%	- 10/+10

u max overvoltage 1,1Un	VDC	30% per day	1210
u max overvoltage 1,15Un	VDC	30min per day	1265
u max overvoltage 1,2Un	VDC	5 min per day	1320
u max overvoltage 1,3Un	VDC	1 min per day	1430
u max overvoltage 1,5Un	VDC	100 ms per day	1650

I max / 60 C	A	60
I peak/periodic	kA	3,5
I peak	kA	18
Series resistance	mOhm	1,5
Self inductance	nH	25

Dielectric losses	W/kvar	0,15
Therm.resist.Rth.	K/W	2,2*)

*) No heating via terminals

Climatic category	°C	25/70/21
Storage temp.	°C	- 40/+85

Life expectancy	h	100 000
at hot spot	°C	55
Failure rate	FIT	100

ØD	mm	85
H - case	mm	138
t - terminals	mm	4
L - Total height (T + t)	mm	142
Spacing	mm	32
Terminal	M	M6 x 10
Torque for M6	Nm	nominal / max 4 / 5
Torque for M12 bolt	Nm	nominal / max 10 / 12
Creep distance	mm	36
Strike distance	mm	20

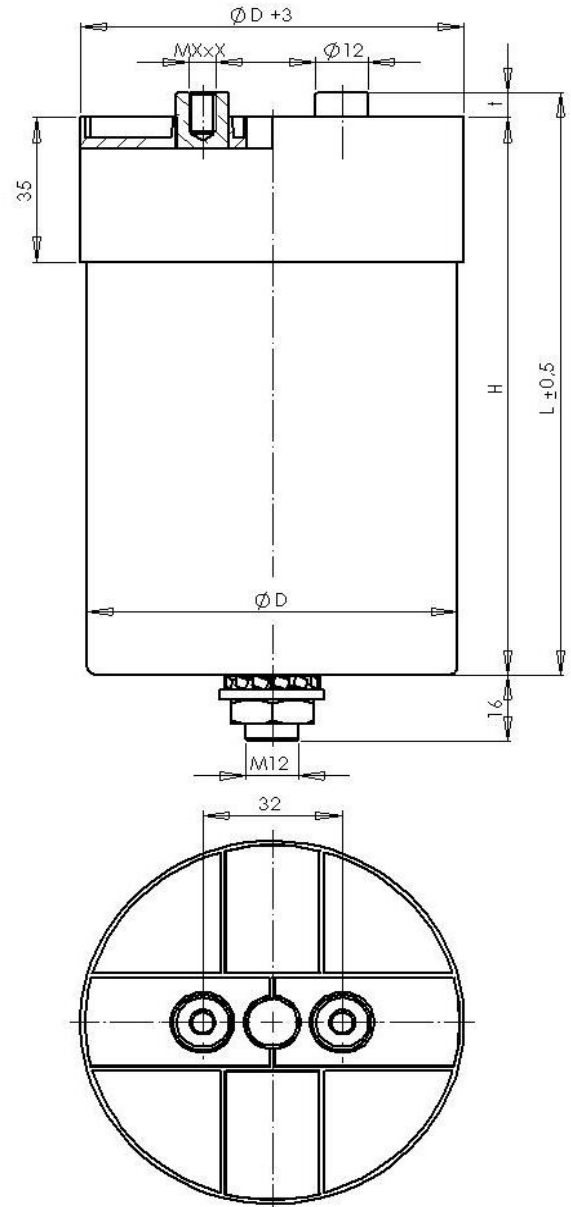
Test voltage U_{T/T}	VDC	1650/10s
Test voltage U_{T/C}	VAC	4000/2s

Fire load	MJ	38
Weight	kg	0,92

Design MKP metallized polypropylene capacitors encapsulated in Al/plastic case by polyurethan resin UL-94,V0,dry PCB and halogen free
No liquid filling

Safety devices	No fuse	Without interrupter
Selfhealing	VDC	max. 2000

Outline drawing



TYPE : see above		DRW. No. 4J 7002 Ad	DRAWN : R.H. / F.
			APPVD :
			Date : 12.11.2012
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