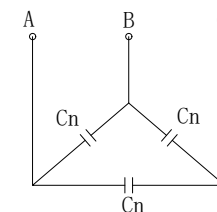
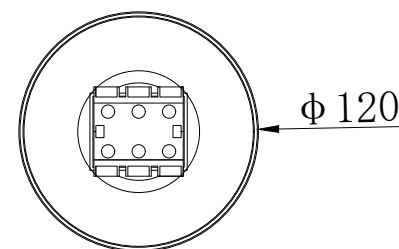
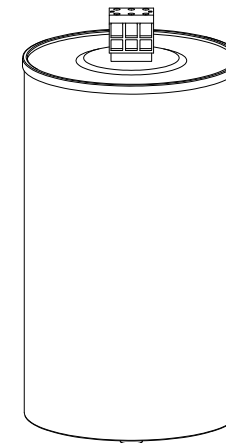
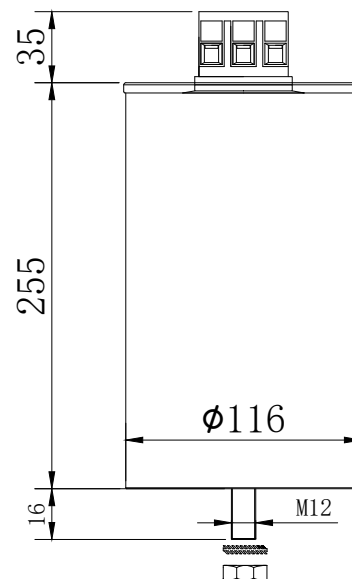



AC-Filter Capacitor			
Nominal values			
Rated capacitance	C _n	[μ F]	3*100
Rated capacitance	T _{ol}	[%]	±5%
Rated voltage	U _n	[Vac]	750
RMS Voltage	U _{rms}	[Vac]	530
Maximum rms current	I _{max}	[A _{max}]	3*104
Maximum peak current	I _p	[kA]	2.7
Maximum surge current	I _s	[kA]	8.1
Tangent of the loss angle	tg δ	[x10 ⁻⁴]	≤2 (1V, 100Hz, 20° C)
Series resistance	R _s	[m Ω]	1.8
Self inductance	L _s	[nH]	≤ 145
Maximum rating			
Non-recurrent peak voltage	U _s	[V _p]	1650V
Test values			
Between terminals	U _{t-t}	[Vac]	1140 - 10s
Between terminals and case	U _{t-c}	[Vac]	3600 - 10s
Climatic conditions			
Cooling			natural ventilation
Operating temperature	θ _{amb}	[°C]	θ _{max} = 85°C / θ _{min} = -40°C
Storage temperature	θ	[°C]	-50/ +85
Expected life time			
Expected lifetime		[h]	≥100,000
Failure quota	λ	FIT	300
Mechanical values			
Weight		[kg]	2.8
material			Al
Terminals			
Type			Copper
Terminal			terminal block
Tightening torque max.		[Nm]	M6=4Nm
Filling			soft polyurethane resin
Technology			
Dielectric			metallised polypropylene self-healing
Execution according to			IEC61881, IEC 61071



	Signature		C71L31072D09J2ZAFN2S			 SHENZHEN CHUANGSHIDING ELECTRONICS CO., LTD
Design	Yiqiu Fu	2023. 05. 10				
Technics	Yiqiu Fu	2023. 05. 10	Phase	No.		C71L3-530VAC-3*100uF
Approve			A		1	