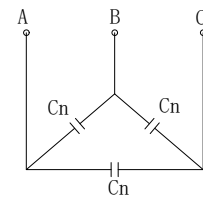
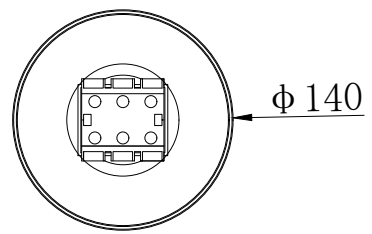
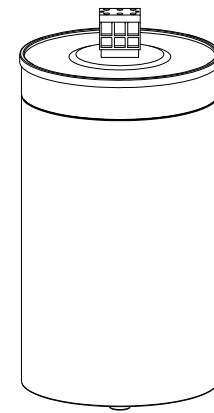
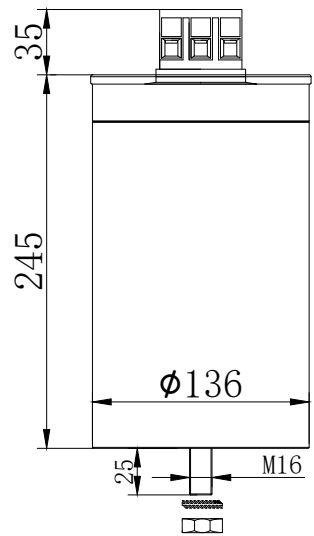



Power factor correction capacitor			
<u>Nominal values</u>			
Rated capacity (Q)	Qn	[Kvar]	30
Rated capacitance	Cn	[μ F]	3 \times 116
Tolerance of capacitance		[%]	+5/-5%
Rated voltage	Un	[Vac]	525
Rated current	In	[A]	33A @50Hz;525V
Dielectric loss	$\tan \delta_o$	[$\times 10^{-4}$]	≤ 2 (1V, 100Hz, 20° C)
Total dissipation factor	$\tan \delta$	[$\times 10^{-4}$]	≤ 15 (1V, 100Hz, 20° C)
<u>Maximum rating</u>			
Recurrent peak voltage	U _r	[Vp]	580 (30min/day) 630 (5msec/day)
<u>Test values</u>			
between terminals	U _{t-t}	[VAC]	1130 - 10s
between terminals and case	U _{t-c}	[VAC]	3500 - 50Hz - 60s
<u>Climatic conditions</u>			
Operating temperature	θ_{amb}	[°C]	-40 / D
Storage temperature	θ	[°C]	-40 / +85
<u>Expected life time</u>			
Expected lifetime		[h]	$\geq 100,000$
Failure quota	λ	FIT	<100
<u>Mechanical values</u>			
Weight		[kg]	3.3
material			AL case
Bottom tightening torque		[Nm]	15
<u>Terminals</u>			
Type			Copper terminal
Terminal tightening torque		[Nm]	8
Creepage distance		[mm]	>35
Clearance in air		[mm]	>20
<u>Mounted</u>			anywhere less than 2000 meters above sea level
<u>Technology</u>			
Dielectric			metallised polypropylene self-healing
Filling			Non-PCB, Gas-impregnated
Execution according to			IEC60831, IEC 61071
Discharge time			after 3 min; <75V



		P/N:C71357986GJZ2BLY2T			
Signature		Date		Datasheet	
Design					
Technics				 SHENZHEN CHUANGSHIDING ELECTRONICS CO.,LTD MKPg-0. 525-30-3△	
Approve					