

AC Motor Capacitor Cable Type **CBB65-A** (S2,Class B)

Features & Applications

- ◆ Low loss, high insulation resistance.
- ◆ Excellent self-healing and high stability.
- ◆ Small volume and withstand high voltage.
- ◆ Built-in explosion-proof device, reliable safety performance.
- ◆ Applicable to startup and operating of the compressor of air-conditioning and refrigerator.



Certification

	China	GB/T 3667. 1-2016 AC motor capacitors 250V:CQC15006136218, 450V:CQC06002017922
	USA/Canada	UL810, CSA C22.2.No.190 capacitors "Protected" E317866
	Germany	IEC60252-1:2013 AC motor capacitors 40026610

Technical Parameter

Rated Voltage	250Vac/330Vac/450Vac	Range Of Capacitance	(2+0) μF-(100+15) μF
Dissipation Factor	$\tan \delta \leq 0.002(100\text{Hz})$	Insulation Resistance	$R_c \geq 5000M\Omega \mu F (20^\circ\text{C}, 1\text{min}, 500\text{Vdc})$
Climatic Class Temp	40/85/21	Operating Frequency	50/60Hz
Testing Voltage	T-T:2U _n /2s T-C:≥2200Vac/2s	Safety Class	S2
Operation Class	B		

Common Specification

- Sizing table for CBB65-A capacitor in 450V with Aluminum casing with cable

C _n (μF)	U _n (Vac)	D ± 1	H ± 2	C _n (μF)	U _n (Vac)	D ± 1	H ± 2	Type of cable
2.0	450	30.0	75.0	2.5	450	30.0	75.0	H05VV-F- 2*0.75mm2/
3.0	450	30.0	75.0	3.5	450	30.0	75.0	
4.0	450	30.0	75.0	4.5	450	35.0	75.0	H05V2V2-F- 2*0.75mm2
5.0	450	35.0	75.0	6.0	450	35.0	75.0	
8.0	450	35.0	82.0	10.0	450	35.0	95.0	
12.0	450	40.0	95.0	15.0	450	40.0	95.0	

- Sizing table for CBB65-A capacitor in 450V with Aluminum casing with cable

C _n (μF)	U _n (Vac)	D ± 1	H ± 2	C _n (μF)	U _n (Vac)	D ± 1	H ± 2	Type of cable
16.0	450	40.0	95.0	18.0	450	45.0	95.0	H05VV-F- 2*0.75mm2/
22.0	450	50.0	95.0	20.0	450	45.0	95.0	H05V2V2-F- 2*0.75mm2
25.0	450	50.0	95.0	30.0	450	50.0	100.0	

- Sizing table for CBB65-A capacitor in 250V with Aluminum casing with cable

C _n (μF)	U _n (Vac)	D ± 1	H ± 2	C _n (μF)	U _n (Vac)	D ± 1	H ± 2	Type of cable
5.0	250	30.0	75.0	6.0	250	30.0	75.0	UL 2733- 2*18AWG/ UL 2733- 2*20AWG
8.0	250	35.0	75.0	10.0	250	35.0	75.0	
12.0	250	35.0	75.0	15.0	250	35.0	82.0	
18.0	250	35.0	90.0	20.0	250	35.0	90.0	
22.0	250	40.0	90.0	25.0	250	40.0	90.0	
30.0	250	40.0	95.0	35.0	250	45.0	95.0	
40.0	250	45.0	95.0	45.0	250	50.0	95.0	
50.0	250	50.0	95.0					

REMARKS

1. The listed dimension on the above chart is our common specifications, we can produce as customer's requests.
2. The datas are subject to change without notice.
3. The certificate marks can be printed on the product as customer's requests.