JAC series (6-30A

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- ① Model Name ② Rated Current ③ Line to ground capacitor code:See table 1.1.

table1.1 Line to ground capacitor code

Code	Leakage Current (Input 250/500V 60Hz)	Line to ground capacitor (nominal value)	
103	0.5mA/1.0 mA max	10,000pF	
223	1.0mA/2.0 mA max	22,000pF	
683	2.5mA/5.0 mA max	68,000pF	

- *When the line to ground capacitor code is different, the attenuation characteristic is different.
- Please contact us about ultra high attenuation type for EU (Wye type with neutral earth system).
- 4 Option
- D:DIN rail installation type
- * The dimensions change when the option is set. Refer to External view.

H:Ultra high-attenuation type

Features of JAC series

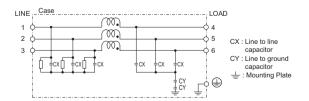
Compact and low profile, common mode EMI/EMC filters in 150kHz to 1MHz(1stage filter)

- · Three Phase 500 VAC
- · Push down type terminal block

Specifications

No.	Items	JAC-06-683	JAC-10-683	JAC-20-683	JAC-30-683	
1	Rated Voltage[V]	AC Three Phase 500 (voltage range:528 max) 50/60Hz				
2	Rated Current[A]	6	10	20	30	
3	Test Voltage (Terminal-Mounting Plate)	2,500 VAC (Cutoff Current = 100mA), 1minute at room temperature and humidity				
4	Isolation Resistance (Terminal-Mounting Plate)	500 VDC 100M Ω min at room temperature and humidity				
5	Leakage current 250/500V 60Hz	2.5mA/5.0mA max				
6	DC resistance	100m Ω max	45m $Ω$ max	15mΩ max	$8m\Omega$ max	
7	Safety agency approval temperatures	ty agency approval temperatures -25 to +85°C (Refer to Derating Curve)				
8	Operating temperature	-40 to +85℃ (Refer to Derating Curve)				
9	Operating humidity	20 to 95%RH (Non condensing)				
10	Storage temperature/humidity	-40 to +85℃/20 to 95%RH (Non condensing)				
11	Vibration	10 to 55Hz, 19.6m/s² (2G), 3min. Period, 1hour each X, Y and Z axis				
12	Impact	196.1m/s² (20G), 11ms Once each X, Y and Z axis				
13	Safety agency approvals	UL1283, CSA C22.2 No.8 (C-UL) , DIN EN60939 VDE0565 Teil3-1, ENEC				
14	Case size (without projection)	63 × 44 × 132 mm (W × H × D) (Option: -D refer to external view)				
	Case size (without projection)	[2.48 X 1.73 X 5.20 inches] (W X H X D)				
15	Weight	440g max				

Circuit Diagram





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Derating Curve

10 -40

Ambient Temperature [°C]



External view

As this product is adopted push-down type terminal block, this appearance is as follows.

- 1)The terminal cover is retracted inside the unit.
- 2)The screws for connecting the terminals are held in the up right position.

