

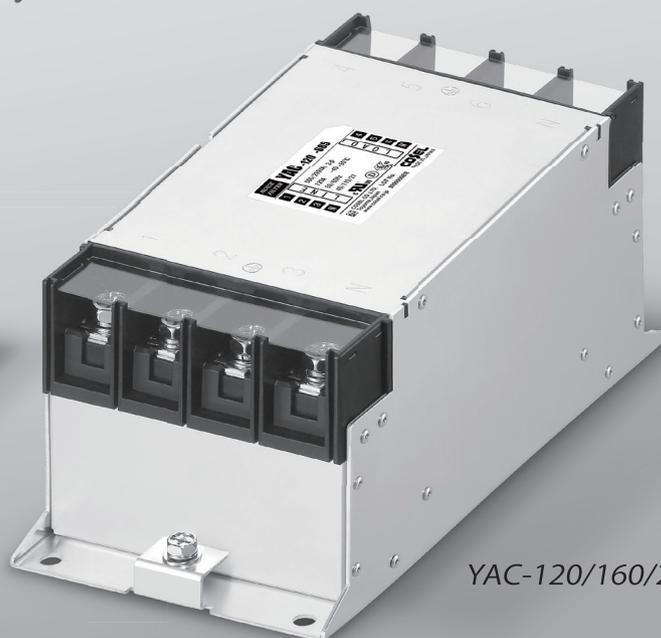


Three-Phase Four-Wire System EMI/EMC Filter

Compact and Same Body Size



YAC-25/36/64/80



YAC-120/160/200/300

25/36/64/80/120/160/200/300A

NEW

YAC
series

YAC series

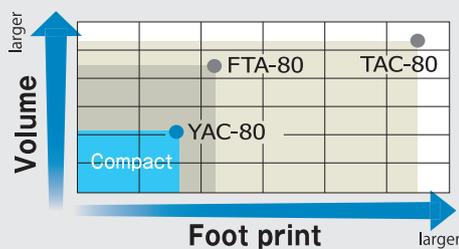


Model	YAC-25-685	YAC-36-685	YAC-64-685	YAC-80-685	YAC-120-685	YAC-160-685	YAC-200-685	YAC-300-685
Rated Voltage	Three-Phase Four-Wire System, Y-connection, 500/289VAC (528/305VAC max.), 50/60Hz							
Rated Current	25A	36A	64A	80A	120A	160A	200A	300A
Test Voltage (Terminal-Mounting Plate)	2,800VDC (Cutoff Current = 10mA), 1 minute at room temperature and humidity							
Isolation Resistance (Terminal-Mounting Plate)	500VDC 5MΩ min. at room temperature and humidity							
Leakage Current (500V 50Hz Y-connection)	10.7mA typ. (by IEC60939)							
DC Resistance	15mΩ max.	10mΩ max.	3.5mΩ max.	2.5mΩ max.	4.5mΩ max.	3.0mΩ max.	2.5mΩ max.	1.5mΩ max.
Operating Ambient Temp., Humidity	-40 to +85°C (Refer to Derating Curve), 20 to 95%RH (Non condensing)							
Safety Agency Approvals	UL60939 [Overvoltage Category: III Altitude:3000m], CSA C22.2 No.8 (C-UL) EN60939 (DEMKO) [Overvoltage Category: III Altitude: 3000m], ENEC							
	UL508 Clause 53 (SCCR: 10kA)				UL508A (SCCR: 10kA)			
Case Size (without projection)	W100 x H88 x D179 mm [W3.94 x H3.46 x D7.05 inches]				W157 x H140 x D340 mm [W6.18 x H5.51 x D13.39 inches]			
Weight	1.7kg max.				9.0kg max.			5.5kg max.

Point ①

Compact

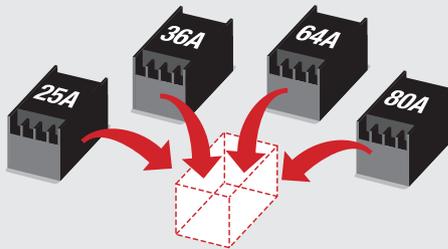
Comparison with existing Three-Phase Three-Wire System 80A products.



Point ②

Same Body Size

Between 25A to 80A or 120A to 300A.

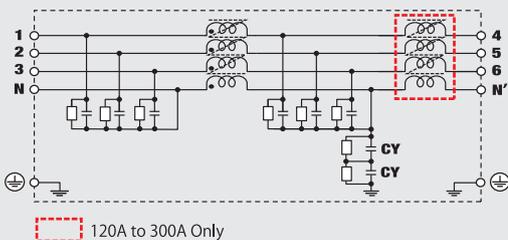


Point ③

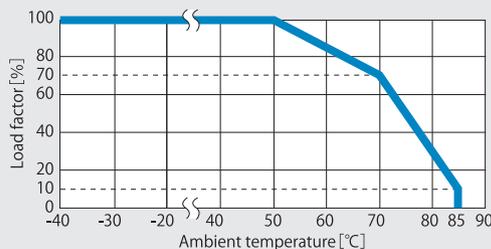
Suitable for worldwide power distribution systems

Applicable with noise solution in three-phase + N systems. SCCR 10kA.

Circuit Diagram



Derating Curve



Target Applications

- High-power office equipment
- Renewable energy applications
- Power supplies
- Automation manufacturing systems

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