INNOFLOW

Product overview

POWER QUALITY DEVICES

Smart Capacitor Bank

IF-CAP-A



Product series reference. Match the model, capacity, voltage and mounting variant in the following tables and drawings to the selected configuration.

TECHNICAL OVERVIEW
Selected product data and drawings. This document is not an installation manual.

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Technical reference

Function		Specification
Measurement Accuracy	Current	≤1%
	Voltage	0.5% (80%～120%Un)
	Temperature	⩽±1℃
Switching Mode		Zero-crossing switch
Compensation Operation	Working Voltage	AC 380V+20%
	Consumption	≤5VA
	Max.working Current	1.35×In
	Switching Inrush Current	≤2√2×In
Host Protection	Over Voltage	430V (Adjustable)
	Under Voltage	300v (Adjustable)
	Harmonic Exceeding	0%～100% (Adjustable)
Local Protection	Over Current	0～100A (Adjustable)
	Over Temperature	55℃ (Adjustable)
	Unbalance	50%(Adjustable , only for total compensation)
Network Interface		Plug-in data line with RJ45 interface
Mechanical Installation	Outline Dimension	W-280mm H-290mm, as the capacities of different specifications are slightly different, please consult us for specific product depth
	Installation Dimension	W-295mm, as the capacities of different specifications are slightly different, please consult us for specific installation length.
	Weight	≤45kg
Environment Temperature	Working Temperature	-15C～45℃
	Storage Temperature	-25℃～55℃
Altitude		≤2000m
Standard		IEC 831-1,2(2000)

Series reference. Apply the capacity, mounting type and units shown in this figure.

Technical reference

Compensation Mode	Capacity (Kvar)	Model	Application Field
Three-phase Total Compensation	50	IF-CAP-AXD-50-P7/480	It applies at the sites with great amount of non-linear loads such as VFD, UPS,LED lights and switching power supply etc.
	25+25	IF-CAP-AXD-2525-P7/480	
	40	IF-CAP-AXD-40-P7/480	
	20+20	IF-CAP-AXD-2020-P7/480	
	30	IF-CAP-AXD-30-P7/480	
	20+10	IF-CAP-AXD-2010-P7/480	
	20	IF-CAP-AXD-20-P7/480	
	10+10	IF-CAP-AXD-1010-P7/480	
	15	IF-CAP-AXD-15-P7/480	
	10+5	IF-CAP-AXD-1005-P7/480	
	10	IF-CAP-AXD-10-P7/480	
Phase Separation Compensation	30	IF-CAP-AXD-30-P7/280	
	20	IF-CAP-AXD-20-P7/280	
	10	IF-CAP-AXD-10-P7/280	

Series reference. Apply the capacity, mounting type and units shown in this figure.