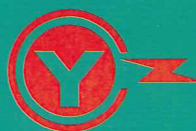
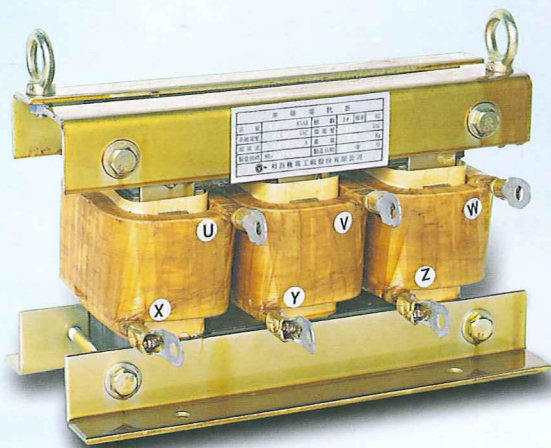


電容器用

串聯電抗器

SERIES REACTORS



裕昌機電工廠股份有限公司
YUHCHANG ELECTRIC CO., LTD.



特點/ Features

電路諧波與突增電流抑制裝置/ Harmonics and inrush current suppressor

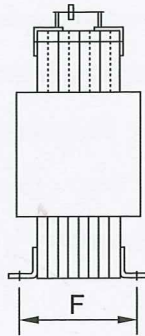
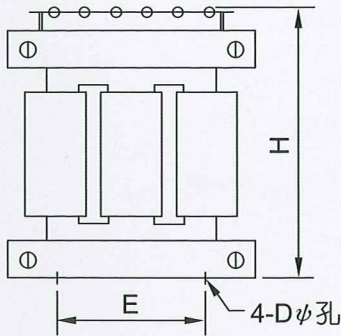
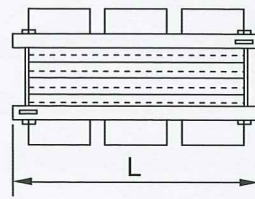
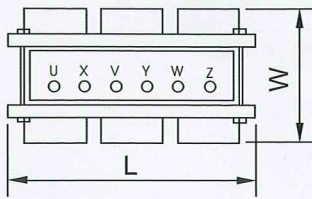
近年來，工業用半導體設備大量增加，電路的諧波問題日趨嚴重，為抑制高次諧波在電力系統中所造成之各種障礙，及自動功率因數調整盤(APFR)於經常性投入時所產生之突增電流，建議您加裝串聯電抗器，以減輕電路諧波及抑制電容器突增電流，延長電容器及電磁接觸器之壽命。

In the recently years industrial semi-conductor devices are used greatly in equipments, harmonics problems in circuits become more and more serious. To inhibit high order harmonics cause various failure in power system, and inrush current on switching frequently in the application of automatic power factor regulator (APFR), it is good to equip series reactors to limit harmonics current in circuits and inrush current to capacitors for extending the life of capacitors and electro-magnetic contactors.

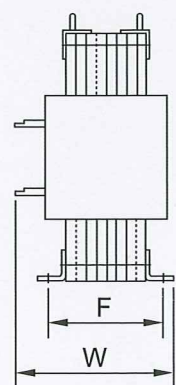
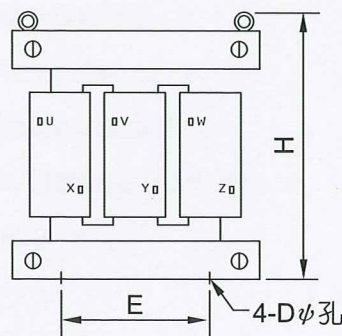
製品規範、性能/ Specification and Performance

依據標準 Standards	CNS 9094, JEC-182, JEC 2210, IEC 60289						
絕緣及溫昇等級 Class of insulation and Temperature rise	乾式：H級，線圈溫昇120°C以下（電阻法） 油式：A級，線圈溫昇65°C以下（電阻法），油溫昇55°C以下。 模鑄式：F級，線圈溫昇95°C以下（電阻法）。 Dry type: Class H, coil temperature rise below 120°C(resistance method) Oil type: Class A, coil temperature rise below 65°C(resistance method), and Oil temperature rise below 65°C Cast resin type: Class F, coil temperature rise below 95°C(resistance method)						
設置場所 Place of installation	乾式及模鑄式為屋內用，油式為屋內外兼用。 Dry and Oil types for indoor use, Oil type for outdoor or indoor use.						
周圍溫度 Ambient temperature	-20 ~ +45°C (24小時平均溫度+35°C以下) -20 to +45°C (24 hours average temperature below 35°C)						
容量誤差 Capacity tolerance	-5 ~ +10%						
最大使用電流 Maximum permissible current	額定電流120%以下(在電抗器回路，含有第五次諧波電流時，其含有率對基本波電流應在35%以下，合成電流有效值) Below 120% of rated current (The effective value of synthetic current with the 5th harmonic current which value is less than 35% against fundamental current in reactor circuit)						
最大瞬時容許電流 Rated short-time current	25倍額定電流/2秒 25 times rated current for 2 sec.						
耐電壓 Voltage withstand	額定電壓U (KVAC) Rated voltage(U)	$U \leq 0.22$	$0.22 < U \leq 1.1$	$1.1 < U \leq 3.3$	6.6	12	24
	交流耐電壓(KVAC) AC test voltage	2	4	10	16	28	50

外形圖 / Outline Drawing



圖(Fig.)A



圖(Fig.)B

乾式 H 級 3 φ 60Hz 阻抗 6% (Dry type, Class H, 3 φ 60Hz, Detuning Factor 6%)

額定電壓 Rated Voltage (VAC)	KVAR	尺寸 / Size(mm)						概略重量 Weight (Kg)	參考圖 (Fig)
		L	W	H	D	E	F		
240 260 280 440 480 525	0.6	200	110	220	8	90	80	10	A
	0.9	200	120	220	8	90	90	12	A
	1.2	200	130	220	8	90	100	13	A
	1.5	200	140	220	8	90	110	15	A
	1.8	250	160	260	10	160	110	19	A
	2.1	250	170	260	10	160	120	21	A
	2.4	250	180	260	10	160	130	24	A
	2.7	250	190	260	10	160	140	26	A
	3.0	285	220	250	14	180	135	31	B
	3.6	285	230	250	14	180	140	34	B
	4.2	320	240	285	14	180	140	42	B
	4.8	320	250	285	14	180	140	44	B
	5.4	320	250	285	14	180	140	46	B
	6.0	320	260	285	14	180	150	51	B
	7.2	320	270	285	14	180	150	55	B
	8.4	320	280	285	14	180	160	63	B
	9.6	380	270	335	14	220	155	69	B
	12.0	380	300	335	14	220	185	85	B
	15.0	380	320	335	14	220	195	96	B

【 主 要 產 品 Main Products 】

1. 電力用高低壓電容器 High / Low Voltage Power Capacitors
2. 乾式低壓電容器 Dry Type Low Voltage Capacitors
3. 感應爐用電容器 Capacitors for Induction Furnaces
4. UV乾燥機用電容器 Capacitors for UV Curing Equipments
5. 馬達運轉用電容器 Motor Running Capacitors
6. 照明燈具用電容器 Lighting Capacitors
7. 自動功率因數調整盤 Automatic Capacitor Banks
8. 自動功率因數調整器 Automatic Power Factor Regulators(APFR)
9. 串聯電抗器 Series Reactors



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