

油式保安型

# 低壓電力電容器

LOW VOLTAGE POWER CAPACITORS  
OIL TYPE



外型圖 / Outline Drawing

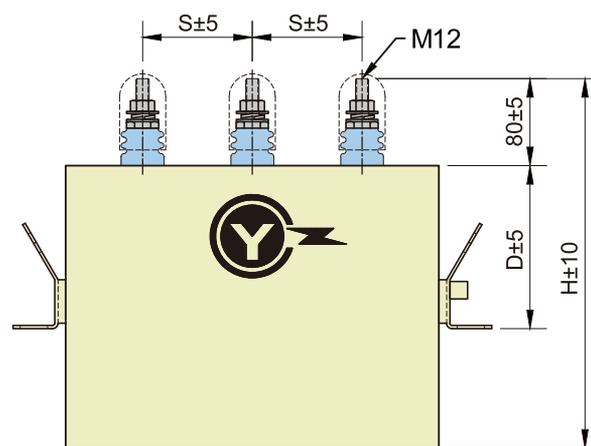
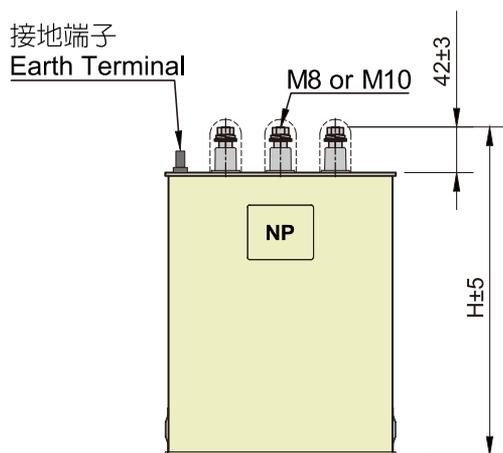
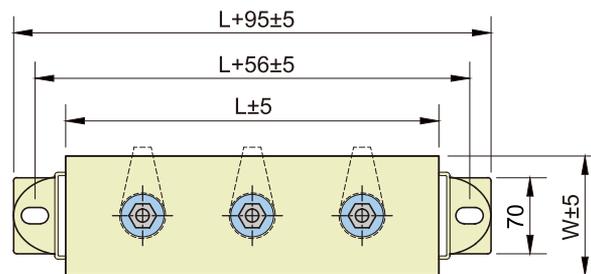
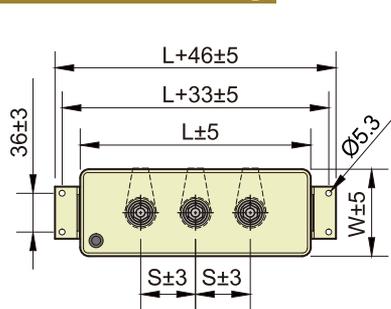


Fig. 1

Fig. 2

尺寸規格表 / Specification Size

60Hz

額定電壓 Voltage	型式 Type	額定容量 Capacity		尺寸 Size (mm)					額定電流 Current (A)	接線端子 Line Terminals	參考圖 Diagram
		kVAR	μF	L	W	H	D	S			
220V	YSMA-22K10T	10	548	140	65	322	-	40	26.2	M8	Fig. 1
	YSMA-22K15T	15	822	210	80	302	-	50	39.4	M8	Fig. 1
	YSMA-22K20T	20	1096	210	80	342	-	50	52.5	M10	Fig. 1
	YSMA-22K25T	25	1370	230	95	312	-	50	65.6	M10	Fig. 1
	YSMA-22K30T	30	1644	230	95	352	-	50	78.7	M10	Fig. 1
	YSMA-22K40T	40	2192	340	110	340	150	100	105	M12	Fig. 2
	YSMA-22K50T	50	2740	340	110	380	150	100	131	M12	Fig. 2
	YSMA-22K60T	60	3288	340	110	430	150	100	157	M12	Fig. 2
240V	YSMA-24K10T	10	461	140	65	302	-	40	24.1	M8	Fig. 1
	YSMA-24K15T	15	691	210	80	272	-	50	36.1	M8	Fig. 1
	YSMA-24K20T	20	921	210	80	302	-	50	48.1	M10	Fig. 1
	YSMA-24K25T	25	1151	210	80	352	-	50	60.1	M10	Fig. 1
	YSMA-24K30T	30	1382	230	95	312	-	50	72.2	M10	Fig. 1
	YSMA-24K40T	40	1842	340	110	310	120	100	96.2	M12	Fig. 2
	YSMA-24K50T	50	2303	340	110	350	150	100	120	M12	Fig. 2
	YSMA-24K60T	60	2763	340	110	390	150	100	144	M12	Fig. 2
	YSMA-24K75T	75	3454	340	110	440	150	100	180	M12	Fig. 2

【其他規格規範均可承製】 Other specification available on request

尺寸規格表 / Specification Size

60Hz

額定電壓 Voltage	型式 Type	額定容量 Capacity		尺寸 Size (mm)					額定電流 Current (A)	接線端子 Line Terminals	參考圖 Diagram
		kVAR	μF	L	W	H	D	S			
260V	YSMA-26K10T	10	392	140	65	262	-	40	22.2	M8	Fig. 1
	YSMA-26K15T	15	589	140	65	352	-	40	33.3	M8	Fig. 1
	YSMA-26K20T	20	785	210	80	272	-	50	44.4	M8	Fig. 1
	YSMA-26K25T	25	981	210	80	312	-	50	55.5	M10	Fig. 1
	YSMA-26K30T	30	1177	210	80	362	-	50	66.6	M10	Fig. 1
	YSMA-26K40T	40	1570	340	110	300	120	100	88.8	M12	Fig. 2
	YSMA-26K50T	50	1962	340	110	330	150	100	111	M12	Fig. 2
	YSMA-26K60T	60	2354	340	110	350	150	100	133	M12	Fig. 2
	YSMA-26K75T	75	2943	340	110	420	150	100	167	M12	Fig. 2
	YSMA-26K80T	80	3139	340	110	430	150	100	178	M12	Fig. 2
280V	YSMA-28K10T	10	338	140	65	262	-	40	20.6	M8	Fig. 1
	YSMA-28K15T	15	507	140	65	322	-	40	30.9	M8	Fig. 1
	YSMA-28K20T	20	677	210	80	252	-	50	41.2	M8	Fig. 1
	YSMA-28K25T	25	846	210	80	282	-	50	51.6	M10	Fig. 1
	YSMA-28K30T	30	1015	210	80	322	-	50	61.9	M10	Fig. 1
	YSMA-28K40T	40	1353	340	110	270	120	100	82.5	M12	Fig. 2
	YSMA-28K50T	50	1692	340	110	300	120	100	103	M12	Fig. 2
	YSMA-28K60T	60	2030	340	110	330	150	100	124	M12	Fig. 2
	YSMA-28K75T	75	2537	340	110	370	150	100	155	M12	Fig. 2
	YSMA-28K80T	80	2707	340	110	380	150	100	165	M12	Fig. 2
380V	YSMA-38K10T	10	184	140	65	222	-	40	15.2	M8	Fig.1
	YSMA-38K15T	15	276	140	65	262	-	40	22.8	M8	Fig.1
	YSMA-38K20T	20	367	140	65	292	-	40	30.4	M8	Fig.1
	YSMA-38K25T	25	459	210	80	242	-	50	38.0	M8	Fig.1
	YSMA-38K30T	30	551	210	80	272	-	50	45.6	M8	Fig.1
	YSMA-38K40T	40	735	210	80	322	-	50	60.8	M10	Fig.1
	YSMA-38K50T	50	918	210	80	372	-	50	76.0	M10	Fig.1
	YSMA-38K60T	60	1102	340	110	290	120	100	91.2	M12	Fig.2
	YSMA-38K75T	75	1378	340	110	310	120	100	114	M12	Fig.2
	YSMA-38K80T	80	1470	340	110	320	120	100	122	M12	Fig.2
	YSMA-38K100T	100	1837	340	110	360	150	100	152	M12	Fig.2
400V	YSMA-40K10T	10	166	140	65	222	-	40	14.4	M8	Fig. 1
	YSMA-40K15T	15	249	140	65	252	-	40	21.7	M8	Fig. 1
	YSMA-40K20T	20	332	140	65	282	-	40	28.9	M8	Fig. 1
	YSMA-40K25T	25	414	210	80	232	-	50	36.1	M8	Fig. 1
	YSMA-40K30T	30	497	210	80	252	-	50	43.3	M8	Fig. 1
	YSMA-40K40T	40	663	210	80	312	-	50	57.7	M10	Fig. 1
	YSMA-40K50T	50	829	210	80	352	-	50	72.2	M10	Fig. 1
	YSMA-40K60T	60	995	340	110	270	120	100	86.6	M12	Fig.2
	YSMA-40K75T	75	1243	340	110	300	120	100	108	M12	Fig.2
	YSMA-40K80T	80	1326	340	110	310	120	100	115	M12	Fig.2
	YSMA-40K100T	100	1658	340	110	340	150	100	144	M12	Fig.2

【其他規格規範均可承製】 Other specification available on request

尺寸規格表 / Specification Size

60Hz

額定電壓 Voltage	型式 Type	額定容量 Capacity		尺寸 Size ( mm )					額定電流 Current ( A )	接線端子 Line Terminals	參考圖 Diagram
		kVAR	μF	L	W	H	D	S			
440V	YSMA-44K10T	10	137	140	65	212	-	40	13.1	M8	Fig. 1
	YSMA-44K15T	15	206	140	65	252	-	40	19.7	M8	Fig. 1
	YSMA-44K20T	20	274	140	65	282	-	40	26.2	M8	Fig. 1
	YSMA-44K25T	25	343	210	80	222	-	50	32.8	M8	Fig. 1
	YSMA-44K30T	30	411	210	80	252	-	50	39.4	M8	Fig. 1
	YSMA-44K40T	40	548	210	80	292	-	50	52.5	M10	Fig. 1
	YSMA-44K50T	50	685	210	80	332	-	50	65.6	M10	Fig. 1
	YSMA-44K60T	60	822	210	80	372	-	50	78.7	M10	Fig. 1
	YSMA-44K75T	75	1028	340	110	290	120	100	98.4	M12	Fig. 2
	YSMA-44K80T	80	1096	340	110	300	120	100	105	M12	Fig. 2
	YSMA-44K100T	100	1370	340	110	330	150	100	131	M12	Fig. 2
480V	YSMA-48K10T	10	115	140	65	222	-	40	12.0	M8	Fig. 1
	YSMA-48K15T	15	173	140	65	272	-	40	18.0	M8	Fig. 1
	YSMA-48K20T	20	230	140	65	322	-	40	24.1	M8	Fig. 1
	YSMA-48K25T	25	288	210	80	242	-	50	30.1	M8	Fig. 1
	YSMA-48K30T	30	345	210	80	272	-	50	36.1	M8	Fig. 1
	YSMA-48K40T	40	461	210	80	332	-	50	48.1	M10	Fig. 1
	YSMA-48K50T	50	576	210	80	372	-	50	60.1	M10	Fig. 1
	YSMA-48K60T	60	691	230	95	342	-	50	72.2	M10	Fig. 1
	YSMA-48K75T	75	863	340	110	320	120	100	90.2	M12	Fig. 2
	YSMA-48K80T	80	921	340	110	330	150	100	96.2	M12	Fig. 2
	YSMA-48K100T	100	1151	340	110	370	150	100	120	M12	Fig. 2
525V	YSMA-52K10T	10	96	140	65	222	-	40	11.0	M8	Fig. 1
	YSMA-52K15T	15	144	140	65	272	-	40	16.5	M8	Fig. 1
	YSMA-52K20T	20	192	140	65	322	-	40	22.0	M8	Fig. 1
	YSMA-52K25T	25	241	210	80	252	-	50	27.5	M8	Fig. 1
	YSMA-52K30T	30	289	210	80	282	-	50	33.0	M8	Fig. 1
	YSMA-52K40T	40	385	210	80	332	-	50	44.0	M8	Fig. 1
	YSMA-52K50T	50	481	230	95	312	-	50	55.0	M10	Fig. 1
	YSMA-52K60T	60	577	230	95	342	-	50	66.0	M10	Fig. 1
	YSMA-52K75T	75	722	340	110	320	120	100	82.5	M12	Fig. 2
	YSMA-52K80T	80	770	340	110	330	150	100	88.0	M12	Fig. 2
	YSMA-52K100T	100	962	340	110	370	150	100	110	M12	Fig. 2
600V	YSMA-60K10T	10	74	140	65	272	-	40	9.62	M8	Fig. 1
	YSMA-60K15T	15	111	140	65	362	-	40	14.4	M8	Fig. 1
	YSMA-60K20T	20	147	210	80	292	-	50	19.2	M8	Fig. 1
	YSMA-60K25T	25	184	210	80	302	-	50	24.1	M8	Fig. 1
	YSMA-60K30T	30	221	210	80	352	-	50	28.9	M8	Fig. 1
	YSMA-60K40T	40	295	230	95	342	-	50	38.5	M8	Fig. 1
	YSMA-60K50T	50	368	230	95	402	-	50	48.1	M10	Fig. 1
	YSMA-60K60T	60	442	340	110	350	150	100	57.7	M12	Fig. 2
	YSMA-60K75T	75	553	340	110	400	150	100	72.2	M12	Fig. 2
	YSMA-60K80T	80	589	340	110	410	150	100	77.0	M12	Fig. 2
	YSMA-60K100T	100	737	340	110	480	150	100	96.2	M12	Fig. 2

## 規範及特性 / Specification and Performance

型 式 Type	油式保安型 Oil Type	乾式鐵殼型 M Type	乾式圓筒型 C Type
內部充填 Impregnated or Filling	精製植物油(無 PCB's) Vegetable oil(non-PCB's)	環氧樹脂 EPOXY	超臨界真空乾燥氮氣充填 Supercritical vacuum N2 filling
衝擊電壓(BIL) Impulse voltage (BIL)	15kV (1.2×50μS)	15kV (1.2×50μS)	15kV (1.2×50μS)
包覆外殼 Outside Case	馬口鐵 / 不鏽鋼 Tin Plate or Stainless Steel	鍍鋅鋼板 Steel	耐壓鋁罐 Aluminum Can
保護等級 Degree of protection	IP 66	IP 66	IP 66
依據標準 Standards	CNS 1179, 3738; IEC 60831; JIS C 4901		
產品認證 Quality approval	正字標記認證 (台正字第2845號) CNS mark (No. 2845)		
工廠認證 Factory approval	ISO 9001認證(2015年版) , TAF認證 ISO / IEC 17025(2017年版) ; CNS 17025(2018年版) ISO 9001:2015 certificated , ISO / IEC 17025 : 2017 certificated		
適用高度 Usable altitude	海拔2000公尺以下 ; 乾式屋內型相對濕度95%以下 Not exceeding 2000M; Relative Humidity below 95% for dry-type and indoor use capacitors.		
電介質 Dielectric	蒸著金屬聚丙烯塑膠膜 , 具自復性機能 Metallized polypropylene film with self-healing mechanism.		
頻 率 Frequency	60Hz		
容量誤差 Tolerance	-5%~+10%		
周圍溫度 Ambient temperature	-25°C~+50°C (24小時平均溫度小於40°C , 一年平均溫度小於30°C) -25°C~+50°C (24hours average below 40°C, annual average below 30°C) [Other ambient temperature categories on request]		
最大容許過電壓 Maximum permissible voltage	額定電壓110% (24小時中8小時以內) 110% of rated voltage (8 hrs in every 24 hrs) 額定電壓115% (24小時中30分鐘以內) 115% of rated voltage (30 min in every 24 hrs) 額定電壓120% (5分鐘 , 最多200次) 120% of rated voltage (5 min / max 200times) 額定電壓130% (1分鐘 , 最多200次) 130% of rated voltage (1 min / max 200 times)		
最大容許過電流 Maximum permissible current	額定電流130% 130% of rated current		
介質損失率 Dissipation factor of dielectric	小於0.02% 或 0.2W / kVAR (不含放電電阻) Less than 0.02% or 0.2W / kVAR (without discharge resistors)		
電容器損失率 Dissipation factor of capacitor	小於0.15% 或 1.5W / kVAR (含放電電阻) Less than 0.15% or 1.5W / kVAR (with discharge resistors)		
端子間耐電壓 Test voltage between terminals	額定電壓×2.15VAC , 施加10秒 Rated voltage x 2.15 VAC, 10 second		
端子與外殼間耐電壓 Test voltage between terminals and case	3000VAC , 施加1分鐘 3000VAC, 1 minute (For indoor use)		
絕緣電阻(T-C) Insulation resistance	1000MΩ以上 above 1000MΩ		
放電特性 Discharge character	電容器切離電源1分鐘後 , 殘餘電壓降至50V以下 The residual voltage drops to 50V or lower in 1 minute after capacitor being disconnected from power source.		
保安性 Safety	內裝壓力拉斷式保安裝置具過載及故障保護機能 , 通過UL 810之AFC 10000A認證 , 案號E112211. Internal protective device (Pressure sensitive interrupter) with overload and failure protection. UL 810 AFC 10000A approval, File NO. E112211.		
容許湧入電流 Max Inrush current	額定電流×200倍 Rated current x 200		

【其他規格規範均可承製】 Other specification available on request



## LOW VOLTAGE POWER CAPACITORS OIL TYPE

純勁電力來自裕昌電容



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YCE CAT-17 V04 2024.04

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