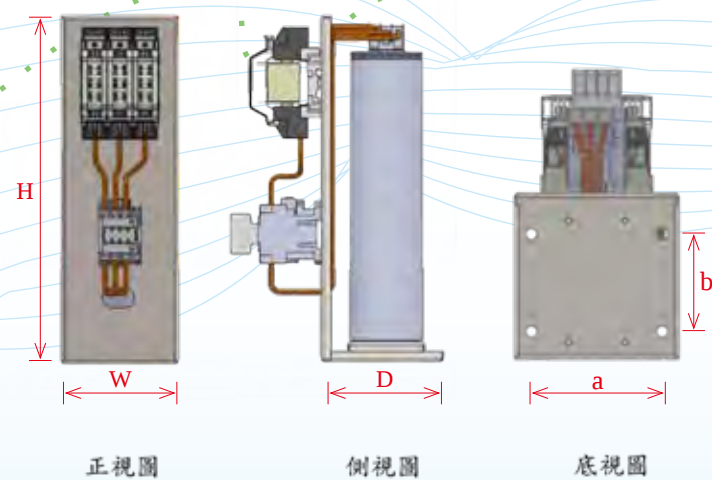


Dimension of low volatage half capacitor set guiding table
低壓半套式電容器模組外型尺寸圖 (A)

型式TYPE	尺寸Dimensions (mm)					
	W	H	D	a	b	ψ
CON-HC2605		320				8
CON-HC2610	150	420	150	116	88	8
CON-HC2615						8
CON-HC2620	180		180	146	118	8
CON-HC2625			200		138	8
CON-HC2630						8
CON-HC2640	200	470		166		8
CON-HC2650						8
CON-HC2660			350		288	8
CON-HC2680	350			320		8
CON-HC26100						8
CON-HC3005		320				8
CON-HC3010	150	420	150	116	88	8
CON-HC3015						8
CON-HC3020	180		180	146	118	8
CON-HC3025			200		138	8
CON-HC3030						8
CON-HC3040	200	470		166		8
CON-HC3050						8
CON-HC3060			350		288	8
CON-HC3080	350			316		8
CON-HC30100						8

型式TYPE	尺寸Dimensions (mm)					
	W	H	D	a	b	ψ
CON-HC4405		320				8
CON-HC4410	150	420	150	116	88	8
CON-HC4415						8
CON-HC4420	180		180	146	118	8
CON-HC4425			200		138	8
CON-HC4430						8
CON-HC4440	200	470		166		8
CON-HC4450						8
CON-HC4460			350		288	8
CON-HC4480	350			316		8
CON-HC44100						8
CON-HC4805		320				8
CON-HC4810	150	420	150	116	88	8
CON-HC4815						8
CON-HC4820	180		180	146	118	8
CON-HC4825			200		138	8
CON-HC4830						8
CON-HC4840	200	470		166		8
CON-HC4850						8
CON-HC4860			350		288	8
CON-HC4880	350			316		8
CON-HC48100						8
CON-HC5205		320				8
CON-HC5210	150	420	150	116	88	8
CON-HC5215						8
CON-HC5220	180		180	146	118	8
CON-HC5225			200		138	8
CON-HC5230						8
CON-HC5240	200	470		166		8
CON-HC5250						8
CON-HC5260			350		288	8
CON-HC5280	350			316		8
CON-HC52100						8



Intelligence
Low Voltage Half Capacitor Set
低壓半套式電容器模組



產品規格Specifications

每一半套式電容器模組包含以下各元件：

Each KONДАР capacitor switching module consists of the following elements:

- 標準 KONДАР 電容器 SC (圓筒型乾式)
KONДАР standard prismatic dry type capacitor (Cylindrical-series Dry-type)
- 電容器專用型電磁接觸器 (MC)
Magnetic contactor for switching capacitor
- 高速限流熔絲 HRC FUSE
High rupture capacity (HRC) fuses
- 控制用端子台
Terminal block for control use

電容器特性Capacitor Characteristics

- 額定電壓 Rated Voltage220~690V
- 額定容量 Rated Capacity5~50 KVAR
- 頻率 Frequency50 / 60HZ
- 電容量許可誤差 Capacitance Tolerance-5% ~ 15%
- 適用溫度 Temperature-25 ~ +55℃
- 最高容許過電壓 Continuous Overvoltage額定電壓 110%
- 最高容許過電流 Continuous Overcurrent額定電流 135%
- 介質損失率 Dielectric Los含放電電阻在 0.2W/KVAR 以下
- 絕緣耐壓 Insulation Test voltage3KV/5~10 秒
- 放電特性 Discharge Resistors1 分鐘降至 50V 以下

Low Volatage Half Capacitor Set Guiding Table

低壓半套式電容器及高速限流熔絲選用表

型式 TYPE 圓筒型乾式	系統電壓 SYSTEM VOLTAGE	額定電壓 RATED VOLTAGE	額定容量 CAPACITANCE		額定電流 RATED CURRENT(A)	實際電流 ACTUAL CURRENT (220V時)	高速限流熔絲 HRC FUSE (A)
			KVAR	μ f			
CON-HC2605	220Vac	260Vac	5	196	11	9	16
CON-HC2610			10	392	22	19	35
CON-HC2615			15	588	33	28	50
CON-HC2620			20	784	44	38	80
CON-HC2625			25	980	55	47	100
CON-HC2630			30	1176	67	56	100
CON-HC2640			40	1568	89	75	160
CON-HC2650			50	1960	111	94	200
CON-HC2660			60	2352	113	113	200
CON-HC2680			80	3136	178	150	300
CON-HC26100			100	3920	222	188	350

型式 TYPE 圓筒型乾式	系統電壓 SYSTEM VOLTAGE	額定電壓 RATED VOLTAGE	額定容量 CAPACITANCE		額定電流 RATED CURRENT(A)	實際電流 ACTUAL CURRENT (220V時)	高速限流熔絲 HRC FUSE (A)
			KVAR	μ f			
CON-HC3005	220Vac	300Vac	5	147	10	7	16
CON-HC3010			10	294	19	14	35
CON-HC3015			15	441	29	21	50
CON-HC3020			20	588	38	28	63
CON-HC3025			25	735	48	35	80
CON-HC3030			30	882	58	42	100
CON-HC3040			40	1176	77	56	125
CON-HC3050			50	1470	96	70	160
CON-HC3060			60	1770	116	85	200
CON-HC3080			80	2352	154	112	250
CON-HC30100			100	2940	192	140	300

型式 TYPE 圓筒型乾式	系統電壓 SYSTEM VOLTAGE	額定電壓 RATED VOLTAGE	額定容量 CAPACITANCE		額定電流 RATED CURRENT(A)	實際電流 ACTUAL CURRENT (380V時)	高速限流熔絲 HRC FUSE (A)
			KVAR	μ f			
CON-HC4405	380Vac	440Vac	5	69	7	6	10
CON-HC4410			10	137	13	11	20
CON-HC4415			15	206	20	17	35
CON-HC4420			20	274	26	23	40
CON-HC4425			25	343	33	28	50
CON-HC4430			30	411	39	34	63
CON-HC4440			40	548	52	45	80
CON-HC4450			50	685	66	57	100
CON-HC4460			60	822	79	68	125
CON-HC4480			80	1096	104	90	160
CON-HC44100			100	1370	132	114	200

型式 TYPE 圓筒型乾式	系統電壓 SYSTEM VOLTAGE	額定電壓 RATED VOLTAGE	額定容量 CAPACITANCE		額定電流 RATED CURRENT(A)	實際電流 ACTUAL CURRENT (380V時)	高速限流熔絲 HRC FUSE (A)
			KVAR	μ f			
CON-HC4805	380Vac	480Vac	5	57	6	5	10
CON-HC4810			10	115	12	10	20
CON-HC4815			15	172	18	14	35
CON-HC4820			20	230	24	19	40
CON-HC4825			25	287	30	24	50
CON-HC4830			30	345	36	29	63
CON-HC4840			40	460	48	38	80
CON-HC4850			50	575	60	48	100
CON-HC4860			60	690	72	57	100
CON-HC4880			80	920	96	76	160
CON-HC48100			100	1150	120	96	200

型式 TYPE 圓筒型乾式	系統電壓 SYSTEM VOLTAGE	額定電壓 RATED VOLTAGE	額定容量 CAPACITANCE		額定電流 RATED CURRENT(A)	實際電流 ACTUAL CURRENT		高速限流熔絲 HRC FUSE
			KVAR	μ f		(380V時)	(440V時)	
CON-HC5205	380Vac 440Vac	525Vac	5	48	5	4	5	10
CON-HC5210			10	96	11	8	9	16
CON-HC5215			15	144	16	12	14	25
CON-HC5220			20	193	22	16	18	35
CON-HC5225			25	241	28	20	23	50
CON-HC5230			30	289	33	24	28	50
CON-HC5240			40	385	44	32	37	80
CON-HC5250			50	481	55	40	46	100
CON-HC5260			60	577	66	47	55	100
CON-HC5280			80	770	88	64	74	160
CON-HC52100			100	962	110	80	92	200

[容量、電流計算公式]

$KVAR = 2 \pi f C E^2 \times 10^{-9}$

$C = KVAR / 2 \pi f C E^2 \times 10^{-9}$

$A(1\psi) = KVAR / E = 2 \pi f C E^2 \times 10^{-9}$

$A(3\psi) = A(1\psi) / \sqrt{3}$

$\pi = 3.1416$

$f = \text{HZ}$

$C = \mu f$

$E = \text{KV}$

$\sqrt{3} = 1.732$

選用注意事項：

* 配合電容器用高速限流熔絲及接觸器電流規格，建議選用電容器額定電流之 1.5~1.8 倍。