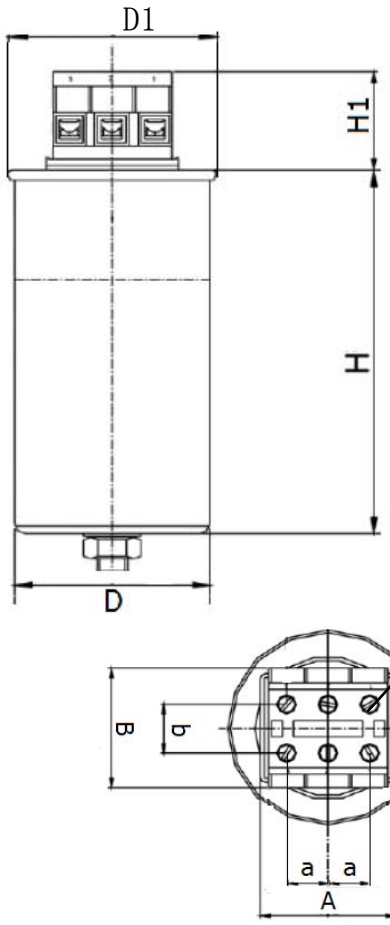
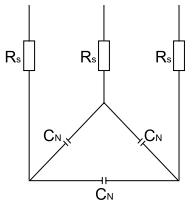
三相交流滤波电容器(一体)
Three-phase AC-filter capacitors （single case）

■ 外形图 Outline Drawing





Circuit diagram

D ± 1	a ± 0.5	b ± 0.5	A ± 1	B ± 1	H1 ± 2	MT
76~116	15	19.4	43.5	44.5	35	M5
136	16.5	25.0	49	54.5	45	M6

■ 特点

- 自愈
- 金属化聚丙烯膜结构
- 防爆设计，过压力保护更安全
- 适用于三相功率因数校正、LCL滤波

■ Features

- Self-healing
- Metallized polypropylene film structure
- Anti-explosion design, overpressure tear-off fuse more safety
- Suitable for power factor correction and LCL filter

■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 17702 (IEC 61071) Optional：GB/T 12747 (IEC 60831)
过电压 Over voltages	1.1U_{rms}，8 小时 / 天 up to 8h daily; 1.15U_{rms}，30 分钟 / 天 up to 30min daily; 1.2U_{rms} 5 分钟或者 1.3U_{rms} 1 分钟在寿命期内允许出现 200 次 1.2U_{rms} for 5 min or 1.3U_{rms} for 1min during life 200 times
工作温度范围（热点温度） Operating temperature range（Hotspot）	–40℃~70℃
额定均方根电压 Rated RMS Voltage (U_{rms})	230Vac~850Vac
额定频率 Rated Frequency	50/60Hz
额定容量 Capacitance C_N	8μF~330μF
容量偏差 Capacitance Tolerance	±5%,–5%~+10%
电容内部连接方式 Capacitance internal connection	Connect triangle（△）

Three-phase AC-filter capacitors （single case）

尺寸 Dimensions(mm)

Urms=230Vac

C_N (μF)	D±1.0 (mm)	$D1_{max}$ (mm)	H±3.0 (mm)	R_s (mΩ)	L_s (nH)	R_{th} (℃/W)	I_{max} (A)	$\hat{I}$ (kA)	$\hat{I}_s$ (kA)	M (kg)	Part number
3×84	76	79	200	3×0.9	100	4.2	3×43	1.6	4.8	1.1	
3×105	76	79	230	3×1.1	120	3.6	3×42	1.5	4.5	1.2	
3×160	86	90	230	3×0.7	120	3.2	3×54	2.3	6.9	1.6	
3×250	116	121	200	3×0.4	110	3.1	3×56	3.0	9.0	2.4	
3×330	116	121	230	3×0.5	130	2.6	3×56	4.8	14.3	2.8	

Urms=440Vac

C_N (μF)	D±1.0 (mm)	$D1_{max}$ (mm)	H±3.0 (mm)	R_s (mΩ)	L_s (nH)	R_{th} (℃/W)	I_{max} (A)	$\hat{I}$ (kA)	$\hat{I}_s$ (kA)	M (kg)	Part number
3×13	76	79	140	3×1.6	100	7.0	3×26	0.8	2.5	0.9	
3×16.5	76	79	140	3×1.3	100	6.4	3×30	1.1	3.2	0.9	
3×26.5	76	79	200	3×2.7	100	4.7	3×24	0.8	2.3	1.2	
3×33	76	79	200	3×2.2	100	4.3	3×28	1.0	2.9	1.2	
3×50	86	90	200	3×1.5	110	3.8	3×37	1.5	4.4	1.4	
3×66	86	90	230	3×1.7	120	3.2	3×37	1.4	4.3	1.7	
3×83	116	121	200	3×0.9	110	3.5	3×48	2.4	7.2	2.4	
3×100	116	121	200	3×0.8	110	3.0	3×56	2.9	8.7	2.4	
3×133	136	142	200	3×0.6	120	2.9	3×56	3.9	11.6	3.3	
3×154	136	142	200	3×0.6	120	2.6	3×56	4.0	12.0	3.3	
3×170	136	142	230	3×0.7	130	2.4	3×56	4.5	13.4	3.8	

Urms=540Vac

C_N (μF)	D±1.0 (mm)	$D1_{max}$ (mm)	H±3.0 (mm)	R_s (mΩ)	L_s (nH)	R_{th} (℃/W)	I_{max} (A)	$\hat{I}$ (kA)	$\hat{I}_s$ (kA)	M (kg)	Part number
3×19	76	79	170	3×1.1	110	4.9	3×33	1.0	2.9	1.0	
3×23	76	79	170	3×1.0	110	4.5	3×36	1.2	3.6	1.0	
3×39	86	90	200	3×1.1	110	3.7	3×39	1.4	4.3	1.4	
3×48	86	90	230	3×1.3	120	3.2	3×38	1.3	4.0	1.7	
3×96	136	142	230	3×1.1	130	2.5	3×50	2.6	7.9	3.8	

Urms=690Vac

C_N (μF)	D±1.0 (mm)	$D1_{max}$ (mm)	H±3.0 (mm)	R_s (mΩ)	L_s (nH)	R_{th} (℃/W)	I_{max} (A)	$\hat{I}$ (kA)	$\hat{I}_s$ (kA)	M (kg)	Part number
3×33.5	116	121	170	3×1.1	110	3.2	3×46	1.6	4.9	2.2	
3×38	116	121	200	3×1.3	110	3.2	3×43	1.3	3.9	2.4	

Urms=760/850Vac

C_N (μF)	D±1.0 (mm)	$D1_{max}$ (mm)	H±3.0 (mm)	R_s (mΩ)	L_s (nH)	R_{th} (℃/W)	I_{max} (A)	$\hat{I}$ (kA)	$\hat{I}_s$ (kA)	M (kg)	Part number
3×8	76	79	170	3×1.4	110	4.7	3×34	0.6	1.7	1.0	
3×10	86	90	170	3×1.2	110	4.6	3×36	0.7	2.0	1.0	
3×12	86	90	170	3×1.1	110	4.1	3×40	0.9	2.6	1.0	
3×17	106	110	170	3×1.0	110	3.7	3×45	1.1	3.4	1.7	
3×23	86	90	230	3×1.6	120	2.9	3×39	0.9	2.7	1.6	
3×28	106	110	230	3×1.5	130	2.9	3×41	1.0	3.0	2.2	
3×33	106	110	230	3×1.4	130	2.6	3×45	1.2	3.5	2.3	
3×38	116	121	230	3×1.3	130	2.6	3×47	1.4	4.1	2.8	
3×49	136	142	230	3×1.2	130	2.5	3×49	1.9	5.7	3.7	
3×55.8	136	142	230	3×1.2	130	2.3	3×53	2.2	6.5	3.8	