

**S.A.R.**

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CONDENSATORI

& RIFASAMENTO INDUSTRIALE

CAPACITORS

& PRODUCTS FOR POWER FACTOR CORRECTION

Energy saving

SARkit CCT10

CYLINDRICAL THREE-PHASE POWER CAPACITORS

Un

230-400-440-480-525-690V

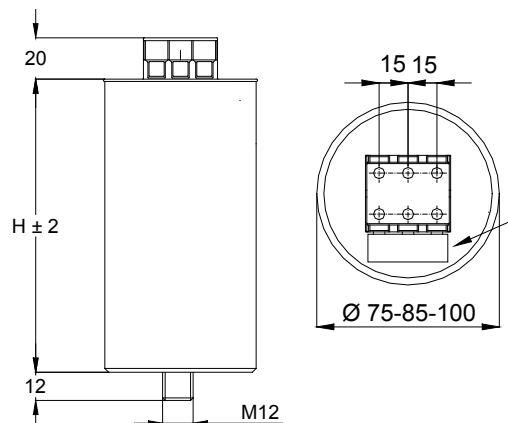
Rated Frequency

50-60Hz

Insulating Level

1,5In

Code	KVAR	V	A	μF	DIMENSIONS	
					Ø	x h
U123250A	5.0	230	12.59	3x100.3	75	238
U123275A	7.5	230	18.89	3x150.3	85	238
U140250A	5	400	7.20	3x32.2	75	163
U140275A	7.5	400	10.83	3x49.7	75	163
U140310A	10	400	14.40	3x66.3	75	201
U140312A	12.5	400	18.00	3x82.9	75	238
U140315A	15	400	21.60	3x99.5	85	201
U140320A	20	400	28.90	3x132.6	85	238
U140325A	25	400	36.08	3x165.8	100	238
U140330A	30	400	43.35	3x199.0	100	276
U144250A	5	440	36.08	3x27.4	75	163
U144275A	7,5	440	9.85	3x41.0	75	163
U144310A	10	440	13.13	3x54.8	75	201
U144312A	12,5	440	16.42	3x68.5	75	238
U144315A	15	440	19.70	3x82.2	85	238
U144320A	20	440	26.28	3x109.6	85	238
U144325A	25	440	32.85	3x137.0	100	238
U144330A	30	440	39.42	3x164.0	100	238



CONSTRUCTION TECHNOLOGY

The self-healing capacitors consist of three-single phase elements made of metallized polypropylene film at high gradient with a delta connection and in a cylindrical casing of extruded aluminium, with fixing spigot M 12x12 mm used to earth the capacitor.

The capacitor is closed with the beading of the steel disc on the aluminium casing, ensuring perfect air and water tightness. The fiberglass-reinforced nylon strip is dielectrically assembled on the steel disc with an airtight fit. The strip accommodates the three terminals.

If lower discharge times are required, it is necessary to use fast discharge resistors (supplied on request) that enable the capacitor to discharge in just a few seconds



It is therefore recommended to leave at least 25mm of clear space above the connection strip to allow the overpressure device to work properly

THREE-PHASE CYLINDRICAL CAPACITORS SERIES CCT10

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TECHNICAL PARTICULARS

Rated Voltage (Un)	230-400-440-480-525-690V
Rated Frequency	50Hz (60Hz upon request)
Tolerance on capacitance	-5% ÷ +10%
Temperature Class	-25°C / +55°C
Dielectric Losses	≤0,2W/kvar
Total losses (at the terminals)	≤0,4W/kvar
Insulation level	1,5In
Max permitted current	3/15kV Ue ≤660Vac
Maximum peak value of the current transient	≤200In
Voltage test between the terminals	2,15 Un for 2"
Voltage test between the terminals and containers	3.6kV for 10"
Terminals	Terminals board
Discharge resistors	External (reduction to 75V within 3 min)
Service	Continuous
Installation	Indoor
Cooling	Natural or forced air
Max permissible humidity	80%
Altitude	≤2000 m.a.s.l.
Degree of protection	IP20 (Ø75-85-100) IP00 (Ø120)
Expected Life	>130.000h
Fixing	With M12spigotin any position
Reference standard	IEC 60831-1/2
Number of switching operation	Max.5000 switching per year according to IEC 60831-1

Other characteristic can be made upon request