

High Voltage Power Capacitors

FORM OF CONSTRUCTION



In the case of single phase capacitor units with dead casings, both polarities are led out through the casing in an insulated condition by means of porcelain bushings (Fig.1).



In the case of single phase capacitor units with one bushing only, the second polarity is connected to the casing (Fig.2).



Three-phase capacitors are provided with three bushings for connection to the phases and have dead casings with grounding connection point (Fig. 3). They are connected either in star or in delta.



In cases where protection against an accidental touch is required, the capacitors can be supplied as IP 55 version (Fig. 4).

CAPACITOR - DIMENSION AND WEIGHT

• Three-phase capacitor up to 7.2kV, 50Hz, IP00

OUTPUT QN kVAr	WEIGHT kg	CASING DIMENSIONS				
		L	x	I	x	H
50	21	345	x	110	x	300 mm
75	21	345	x	110	x	300 mm
100	22	345	x	110	x	300 mm
133	24	345	x	110	x	350 mm
150	27	345	x	110	x	410 mm
167	29	345	x	110	x	430 mm
200	32	345	x	135	x	430 mm
250	37	345	x	135	x	500 mm
300	41	345	x	175	x	450 mm
350	47	345	x	175	x	520 mm
400	53	345	x	175	x	600 mm
450	56	345	x	175	x	640 mm
500	62	345	x	175	x	710 mm
550	67	345	x	175	x	770 mm
600	71	345	x	175	x	820 mm
650	78	345	x	175	x	910 mm
700	81	345	x	175	x	950 mm
750	101	345	x	270	x	810 mm
800	106	345	x	270	x	850 mm

• Three-phase capacitor up to 12kV, 50Hz, IP00

OUTPUT QN kVAr	WEIGHT kg	CASING DIMENSIONS				
		L	x	I	x	H
50	25	450	x	110	x	300 mm
75	25	450	x	110	x	300 mm
100	27	450	x	110	x	320 mm
133	30	450	x	110	x	400 mm
150	35	450	x	110	x	430 mm
167	37	450	x	110	x	470 mm
200	43	450	x	110	x	540 mm
250	49	450	x	110	x	620 mm
300	58	450	x	110	x	750 mm

• Three-phase capacitor up to 12kV, 50Hz, IP55

OUTPUT QN kVAr	WEIGHT kg	CASING DIMENSIONS				
		L	x	I	x	H
50	24	345	x	135	x	300 mm
75	24	345	x	135	x	300 mm
100	24	345	x	135	x	300 mm
133	29	345	x	135	x	330 mm
150	30	345	x	135	x	360 mm
167	29	345	x	135	x	380 mm
200	32	345	x	135	x	430 mm
250	37	345	x	175	x	400 mm
300	43	345	x	175	x	480 mm
350	48	345	x	175	x	540 mm
400	52	345	x	175	x	590 mm
450	57	345	x	175	x	650 mm
500	61	345	x	175	x	700 mm
550	69	345	x	175	x	810 mm
600	74	345	x	175	x	870 mm
650	78	345	x	175	x	920 mm
700	83	345	x	175	x	980 mm
750	105	345	x	270	x	840 mm
800	109	345	x	270	x	880 mm

• Single-phase capacitor up to 7.2kV, 50Hz

OUTPUT QN kVAr	WEIGHT kg	CASING DIMENSIONS				
		L	x	I	x	H
200	31	345	x	110	x	490 mm
300	41	345	x	175	x	450 mm
400	50	345	x	175	x	575 mm
500	60	345	x	175	x	698 mm
600	70	345	x	175	x	820 mm
700	80	345	x	175	x	950 mm
800	90	345	x	175	x	1090 mm
900	99	345	x	270	x	810 mm
1000	108	345	x	270	x	950 mm

• Single-phase capacitor up to 12kV, 50Hz

OUTPUT QN kVAr	WEIGHT kg	CASING DIMENSIONS				
		L	x	I	x	H
200	31	345	x	175	x	325 mm
300	40	345	x	175	x	450 mm
400	50	345	x	175	x	570 mm
500	60	345	x	175	x	705 mm
600	70	345	x	175	x	830 mm
700	80	345	x	175	x	950 mm
800	90	345	x	175	x	1090 mm
900	99	345	x	270	x	810 mm
1000	109	345	x	270	x	895 mm



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