



MKPg™

275.*** 3PH GAS-FILLED

400 ... 440 V 50Hz

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Three-phase power capacitors, dry self-healing dielectric, gas-filled (N₂)
For detuned and non-detuned PFC equipment in mains with standard operating conditions

U_N	Θ_{ambient}	statistical life
400...415V	-50/D	>130,000 h
440V	-50/D	>100,000 h

Permitted overvoltages	
8h/d	485V
30min/d	510V
5min (200×)	530V
1min (200×)	575V
max. peak voltage 1350V ac	

CAPA**GRIP**™ K and II (L4) including discharge resistors. For L and M see resistor modules on pages 48f.

Q _c 440 V (kvar)	Q _c 415 V (kvar)	Q _c 400 V (kvar)	C _N (μF)	I _{max} (A)	D ₁ × L ₁ (mm)	m (kg)	CAPA GRIP	order no.	packg.lot / box
5	—	—	3 × 28	3 × 12	60 × 164	0.4	K	275.525-402800	10 / FB8
6	5.4	5	3 × 33	3 × 16	65 × 164	0.5	K	275.535-403300	10 / FB8
8.4	7.5	—	3 × 46	3 × 20	75 × 164	0.7	K	275.545-404600	5 / FB8
9.3	8.3	7.5	3 × 51	3 × 19	65 × 230	0.8	K	275.536-405100	10 / FB9
10	—	8.3	3 × 57	3 × 25	65 × 245	1	K	275.538-405700	10 / FB9
11.3	10	—	3 × 62	3 × 23	65 × 245	1	K	275.538-406200	10 / FB9
12.5	—	10	3 × 68	3 × 27	75 × 230	1	K	275.546-406800	5 / FB9
14.1	12.5	—	3 × 77	3 × 28	75 × 230	1	K	275.546-407700	5 / FB9
15	13.3	12.5	3 × 82	3 × 31	75 × 245	1.1	K	275.548-408200	5 / FB12
16.8	15	—	3 × 92	3 × 33	85 × 230	1.3	L4	275.256-409200	5 / FB9
18.2	—	15	3 × 100	3 × 36	85 × 245	1.5	L4	275.258-410000	5 / FB12
20	—	16.6	3 × 110	3 × 39	85 × 245	1.5	L4	275.258-411000	5 / FB12
22.4	20	—	3 × 123	3 × 39	85 × 280	1.5	L4	275.259-412300	5 / FB10
25	—	20	3 × 137	3 × 47	85 × 280	1.5	L4	275.259-413700	5 / FB10
28.2	25	—	3 × 154	3 × 56	100 × 245	1.8	L4	275.278-415400	3 / FB12
30	—	25	3 × 166	3 × 56	95 × 280	2	L4	275.269-416600	3 / FB10
50	—	—	3 × 274	3 × 86	136 × 295	4.1	M	275.39B-527400	2 / FB11
—	50	—	3 × 308	3 × 90	136 × 295	4.1	M	275.39B-530800	2 / FB11
—	—	50	3 × 331	3 × 94	136 × 295	4.1	M	275.39B-533300	2 / FB11

Other sizes and ratings are available on request. Single phase capacitors are available on request in same dimensions and design.
Mind Mounting and Operating Instructions on pages 34ff!

MKPg™

275.*** 3PH GAS-FILLED

400 ... 480 V 50Hz



Three-phase power capacitors, dry self-healing dielectric, gas-filled (N₂)
 For detuned and non-detuned PFC equipment in mains with severe operating conditions or substantial voltage fluctuations.

U_N **Θ_{ambient}** **statistical life**

400...440V -50/60 >150,000 h
 480V -50/D (*-50/C) >100,000 h

Permitted overvoltages

8h/d 485V 1min (200×) 575V
 30min/d 510V max. peak voltage 1350V ac
 5min (200×) 530V

CAPAGRIP™ K and II (L4) including discharge resistors. For L and M see resistor modules on pages 48f.

Q _c 480V (kvar)	Q _c 440V (kvar)	Q _c 415V (kvar)	Q _c 400V (kvar)	C _N (μF)	I _{max} (A)	D ₁ × L ₁ (mm)	m (kg)	CAPAGRIP	order no.	packg.lot / box
6,1	5	4,6	4,2	3 × 28	3 × 12	60 × 196	0,7	K	275.523-502800	10 / FB8
7,5	6,25	—	5	3 × 33	3 × 17	75 × 164	1	K	275.545-503300	5 / FB8
8,7	7,5	—	6,25	3 × 40	3 × 18	75 × 164	0,7	K	275.545-504000	5 / FB8
10	8,4	7,4	7	3 × 46	3 × 18	65 × 230	0,8	K	275.536-504600	10 / FB9
12,5	10	—	—	3 × 58	3 × 23	75 × 230	1	K	275.546-505800	5 / FB9
13,5	—	10	—	3 × 62	3 × 27	75 × 230	1	K	275.546-506200	5 / FB9
—	12,5	—	10	3 × 68	3 × 27	75 × 230	1	K	275.546-506800	5 / FB9
15	12,5	—	10	3 × 68	3 × 27	75 × 245	1,1	K	275.548-506800	5 / FB12
16,7	14,1	12,5	—	3 × 77	3 × 33	85 × 230	1,3	L4	275.256-507700	5 / FB9
18	15,2	13,4	12,4	3 × 83	3 × 33	85 × 230	1,5	L4	275.256-508300	5 / FB9
24,1	20	18,0	16,8	3 × 111	3 × 49	95 × 230	1,5	L4	275.266-511100	3 / FB9
24,1	20	—	—	3 × 111	3 × 49	95 × 230	1,5	L	275.166-511100	3 / FB9
25	21	18,6	17,4	3 × 115	3 × 50	95 × 245	1,7	L4	275.268-511500	3 / FB12
26,7	—	20	—	3 × 123	3 × 46	100 × 230	1,7	L4	275.276-512300	3 / FB9
30*	25	—	20	3 × 137	3 × 54	100 × 245	1,8	L4	275.278-513700	3 / FB12
30*	25	—	20	3 × 137	3 × 54	100 × 245	1,8	L	275.178-513700	3 / FB12
33,3*	28,2	25	—	3 × 154	3 × 56	116 × 230	2,3	L	275.186-515400	3 / FB9
33,3*	28,2	25	—	3 × 154	3 × 56	100 × 280	2,2	L4	275.279-515400	3 / FB9
36*	30	—	25	3 × 166	3 × 56	116 × 230	2,3	L	275.186-516600	3 / FB9
36*	30	—	25	3 × 166	3 × 56	100 × 280	2	L4	275.279-516600	3 / FB10
—	33,7	30	—	3 × 185	3 × 56	116 × 230	2,3	L4	275.286-518500	3 / FB9
—	33,7	30	—	3 × 185	3 × 56	116 × 230	2,3	L	275.186-518500	3 / FB9
—	—	—	30	3 × 199	3 × 56	116 × 280	2,6	L4	275.289-519900	3 / FB10
—	36	—	30	3 × 199	3 × 62	116 × 280	2,6	M	275.389-519900	3 / FB10
—	40	—	33,3	3 × 221	3 × 75	116 × 280	2,6	M	275.389-522100	3 / FB10
—	48	—	40	3 × 265	3 × 78	136 × 280	3,7	M	275.399-526500	2 / FB10

Other sizes and ratings are available on request. Single phase capacitors are available on request in same dimensions and design.
 Mind Mounting and Operating Instructions on pages 34ff!

MKPg™ 275.*** 3PH GAS-FILLED 400 ... 525 V 50Hz



Three-phase power capacitors, dry self-healing dielectric, gas-filled (N₂)
For detuned and non-detuned PFC equipment in mains with severe operating conditions or substantial voltage fluctuations.

U_N	Θ_{ambient}	statistical life
400...440V	-50/60 (*-50/D)	>150,000 h
480V	-50/D	>150,000 h

Permitted overvoltages	
8h/d	530V
30min/d	555V
5min (200×)	580V
1min (200×)	625V
max. peak voltage ... 1450V ac	

For resistor modules see pages 48f.

Q _C 480V (kvar)	Q _C 440V (kvar)	Q _C 415V (kvar)	Q _C 400V (kvar)	C _N (μF)	I _{max} (A)	D ₁ × L ₁ (mm)	m (kg)	CAPA GRIP	order no.	packg.lot / box
30	25	22,2	20,6	3 × 137	3 × 56	116 × 230	2,3	L4	275.286-613700	3 / FB9
31,1	26	23,2	21,6	3 × 143	3 × 56	116 × 245	2,5	L4	275.288-614300	3 / FB12
33,4	28,2	25	23,2	3 × 154	3 × 56	116 × 245	2,5	L4	275.288-615400	3 / FB12
36	30	27	25	3 × 166	3 × 56	136 × 230	3,0	L	275.196-616601	2 / FB9
36	30	27	25	3 × 166	3 × 56	116 × 280	2,6	L4	275.289-616600	3 / FB10
40	33,8	30	27,8	3 × 185	3 × 56	116 × 280	2,6	L4	275.289-618500	3 / FB10
50	41,8*	37,2	34,6	3 × 229	3 × 80	136 × 295	4,1	M	275.39B-622900	2 / FB11

Other sizes and ratings are available on request. Single phase capacitors are available on request in same dimensions and design.
Mind Mounting and Operating Instructions on pages 34ff!

Three-phase power capacitors, dry self-healing dielectric, gas-filled (N₂)
For detuned and non-detuned PFC equipment in special industrial mains and installations with tough operating conditions

All items in this range are also rated for operation at 480V 60Hz

U_N	Θ_{ambient}	statistical life
525V	-50/60	>150,000 h

Permitted overvoltages	
8h/d:	580V
30min/d:	600V
5min (200×):	630V
1min (200×)	680V
max. peak voltage ... 1600V ac	

CAPA**GRIP**™ K including discharge resistors. For L see resistor modules on pages 48f.

U _N 525V (kvar)	C _N (μF)	I _{max} (A)	D ₁ × L ₁ (mm)	m (kg)	CAPA GRIP	order no.	packg.lot / box
5	3 × 19	3 × 9	60 × 230	0,5	K	275.526-801900	10 / FB9
10	3 × 38	3 × 20	85 × 230	1,3	L	275.156-803800	5 / FB9
12,5	3 × 48	3 × 22	95 × 230	1,5	L	275.166-804800	3 / FB9
20	3 × 77	3 × 33	116 × 230	2,3	L	275.186-807700	3 / FB9
25	3 × 96	3 × 45	116 × 280	2,6	L	275.189-809600	3 / FB10

Other sizes and ratings are available on request. Single phase capacitors are available on request in same dimensions and design.
Mind Mounting and Operating Instructions on pages 34ff!

MKPg™

275.*** 3PH GAS-FILLED

400 ... 525 V 50Hz



Three-phase power capacitors, dry self-healing dielectric, gas-filled (N₂)

For detuned and non-detuned PFC equipment in mains with severe operating conditions or substantial voltage fluctuations.

All items in this range are also rated for operation at 480V 60Hz

U _N	Θ _{ambient}	statistical life
400...415V	-50/65	>150,000 h
440V	-50/60	>150,000 h
480V	-50/D	>150,000 h
525V	-50/D	>100,000 h

Permitted overvoltages

8h/d	580V	1min (200×)	680V
30min/d	600V	max. peak voltage	1600V ac
5min (200×)	630V		

CAPAGRIP™ K and II (L4) including discharge resistors. For L and M see resistor modules on pages 48f.

Q _N 525V (kvar)	Q _N 480V (kvar)	Q _c 440V (kvar)	Q _c 415V (kvar)	Q _c 400V (kvar)	C _N (μF)	I _{max} (A)	D ₁ × L ₁ (mm)	m (kg)	CAPA GRIP	order no.	packg.lot / box
2.8	2.5	2	1.8	1.6	3 × 11	3 × 5	60 × 164	0.4	K	275.525-801100	10 / FB8
3.6	3	2.5	—	—	3 × 14	3 × 8	60 × 164	0.4	K	275.525-701400	10 / FB8
4.4	3.7	3	—	2.5	3 × 17	3 × 6	60 × 164	0.4	K	275.525-601700	10 / FB8
5	4.1	3.4	3	2.8	3 × 19	3 × 9	65 × 164	0.5	K	275.535-601900	10 / FB8
7.5	6.3	5.2	4.6	4.4	3 × 29	3 × 12	75 × 164	0.7	K	275.545-602900	5 / FB8
10	8.3	7	6.2	5.8	3 × 38	3 × 20	75 × 230	1.0	K	275.546-703800	5 / FB9
12.5	10	8.8	7.5	7.2	3 × 48	3 × 22	75 × 230	1.0	K	275.546-604800	5 / FB9
15	12.5	10.6	9.4	8.8	3 × 58	3 × 30	75 × 245	1.1	K	275.548-605800	5 / FB12
16.6	14.0	11.7	10.4	9.7	3 × 64	3 × 30	85 × 230	1.3	L	275.156-606400	5 / FB9
17.6	15	12.5	11	10.0	3 × 68	3 × 27	85 × 230	1.3	L4	275.256-606800	5 / FB9
18.6	15.6	13.2	11.6	10.8	3 × 72	3 × 29	85 × 245	1.4	L4	275.258-607200	5 / FB12
20	16.7	14	12.5	11.6	3 × 77	3 × 33	95 × 230	1.5	L4	275.266-607700	5 / FB9
21.6	18	15	13.4	12.5	3 × 83	3 × 36	95 × 230	1.5	L4	275.266-608300	3 / FB9
25	20.8	17.4	15.6	14.4	3 × 96	3 × 45	95 × 245	1.7	L4	275.268-609600	3 / FB12
30	25	21	18.6	17.4	3 × 115	3 × 54	116 × 230	2.3	L	275.186-611500	3 / FB9
30	25	21	18.6	17.4	3 × 115	3 × 43	95 × 280	2.3	L4	275.269-611500	3 / FB10
32	26.7	22.4	20	18.6	3 × 123	3 × 48	116 × 230	2.3	L	275.186-612300	3 / FB9
32	26.7	22.4	20	18.6	3 × 123	3 × 46	95 × 280	2.3	L4	275.269-612300	3 / FB10
33.3	28.0	23.4	20.8	19.3	3 × 128	3 × 50	100 × 280	2.4	L	275.179-612800	3 / FB10
37.2	31.1	26	23.2	21.6	3 × 143	3 × 56	116 × 280	2.6	L4	275.289-714301	3 / FB10
40	33.4	28.2	25	23.2	3 × 154	3 × 72	136 × 230	3.7	M	275.396-715401	2 / FB12
43	36	30.2	27	25	3 × 166	3 × 76	136 × 280	4.0	M	275.399-716600	2 / FB10
50	41.7	35	31.2	29	3 × 192	3 × 80	136 × 295	4.1	M	275.39B-719200	2 / FB11

Other sizes and ratings are available on request. Single phase capacitors are available on request in same dimensions and design.
Mind Mounting and Operating Instructions on pages 34ff!

MKPg™

275.* 3PH GAS-FILLED
690 ... 800V 50Hz**



for latest edition and updates
check www.powercapacitors.info



Three-phase power capacitors, dry self-healing dielectric, gas-filled (N₂)
For detuned and non-detuned PFC equipment in 690V mains with normal operating conditions or substantial voltage fluctuations.

U _N	Θ _{ambient}	statistical life
690V	-50/60 (*-50/D)	>150,000 h
760V	-50/D	>150,000 h

Permitted overvoltages	
8h/d	840 V
30min/d	875 V
5min (200×)	915 V
1min (200×)	990 V
max. peak voltage ... 2300V ac	

For resistor modules see pages 48f.

Q _C 690V (kvar)	Q _C 760V (kvar)	C _N (μF)	I _{max} (A)	D ₁ × L ₁ (mm)	m (kg)	CAPA GRIP	order no.	packg.lot / box
12.5	15	3 × 27.6	3 × 17	116 × 164	1.6	L	275.185-402800	3 / FB8
13.3	17	3 × 31	3 × 18	95 × 230	1.5	L	275.166-403100	3 / FB9
20	25	3 × 46	3 × 27	116 × 230	2.3	L	275.186-404600	3 / FB9
25	30	3 × 56	3 × 33	116 × 230	2.3	L	275.186-405600	3 / FB9
27.8*	34	3 × 62	3 × 36	116 × 280	2.6	L	275.189-406200	3 / FB10
33*	40	3 × 74	3 × 43	116 × 280	2.6	L	275.189-407400	3 / FB10
50*	-	3 × 111	3 × 55	136 × 295	4.1	M	275.39B-411100	2 / FB11

Other sizes and ratings are available on request. Single phase capacitors are available on request in same dimensions and design.
Mind Mounting and Operating Instructions on pages 34ff!

U _N	Θ _{ambient}	statistical life
690V	-50/60	>150,000 h
800V	-50/D	>150,000 h

Permitted overvoltages	
8h/d	880 V
30min/d	920 V
5min (200×)	960 V
1min (200×)	1040 V
max. peak voltage ... 2400 V ac	

For resistor modules see pages 48f.

Q _N 800V (kvar)	Q _C 690V (kvar)	C _N (μF)	I _{max} (A)	D ₁ × L ₁ (mm)	m (kg)	CAPA GRIP	order no.	packg.lot / box
16.7	12.5	3 × 27.7	3 × 19	95 × 230	1.5	L	275.166-502800	3 / FB9
22	16.6	3 × 37	3 × 24	116 × 230	2.3	L	275.186-503700	3 / FB9
30	22	3 × 49	3 × 32	116 × 280	2.6	L	275.189-504900	3 / FB10
33.3	25	3 × 55.2	3 × 36	136 × 230	3.0	L	275.196-505500	2 / FB9

Other sizes and ratings are available on request. Single phase capacitors are available on request in same dimensions and design.
Mind Mounting and Operating Instructions on pages 34ff!