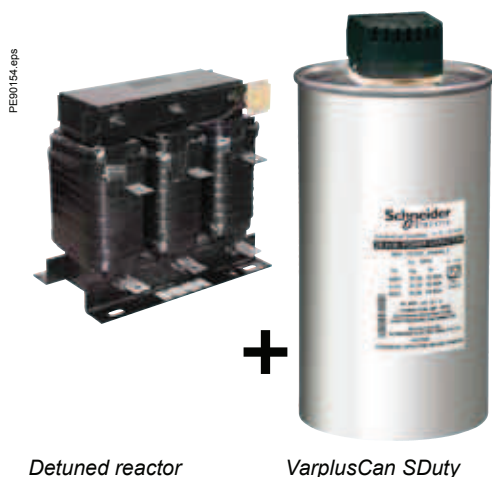


This harmonic rated range of capacitors is dedicated to applications where a high number of non-linear loads are present (N_{LL} up to 30 %). These capacitors are designed for use with detuned reactors, based on the Standard Duty technology.



Detuned reactor

VarplusCan SDuty

Operating conditions

- For networks with a large number of non-linear loads ($N_{LL} < 50 \%$).
- Significant voltage disturbances.
- Significant switching frequency up to 5 000 /year.

Rated voltage

In a detuned filter application, the voltage across the capacitors is higher than the network service voltage (U_s). Then, capacitors must be designed to withstand higher voltages.

Depending on the selected tuning frequency, part of the harmonic currents are absorbed by the detuned capacitor bank. Then, capacitors must be designed to withstand higher currents, combining fundamental and harmonic currents.

The rated voltage of VarplusCan SDuty capacitors is given in the table below, for different values of network service voltage and relative impedance.

Capacitor Rated Voltage U_N (V)		Network Service Voltage U_s (V)	
		50 Hz	60 Hz
		400	400
Relative Impedance (%)	5.7	480	480
	7		
	14		

In the following pages, the effective power (kvar) given in the tables is the reactive power provided by the combination of capacitors and reactors.

VarplusCan SDuty + Detuned Reactor + Contactor

PE90194_L28_reps



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Network 400 V, 50 Hz Capacitor Voltage 480 V 5.7 % / 7 % Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	5.7 % (210 Hz)	7 % (190 Hz)	Capacitor Duty Contactor Ref.	Power Contactor Ref.
			R Ref	R Ref.		
6.5	8.8	BLRCS088A106B48 x 1	51573 x 1	51568 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
12.5	17	BLRCS170A204B48 x 1	52404 x 1	52352 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	33.9	BLRCS339A407B48 x 1	52405 x 1	52353 x 1	LC1-DMK11M7 x 1	LC1D32 x 1
50	67.9	BLRCS339A407B48 x 2	52406 x 1	52354 x 1	LC1-DWK12M7 x 1	LC1D80 x 1
100	136	BLRCS339A407B48 x 4	52407 x 1	51569 x 1	-	LC1D115 x 1

PE90131_L28_reps



Network 400 V, 50 Hz Capacitor Voltage 480 V 14 % Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	14 % (135 Hz)		Capacitor Duty Contactor Ref.	Power Contactor Ref.
			R Ref			
6.5	8.8	BLRCS088A106B48 x 1	51563 x 1		LC1-DFK11M7 x 1	LC1D12 x1
12.5	15.5	BLRCS155A186B48 x 1	51564 x 1		LC1-DFK11M7 x 1	LC1D12 x1
25	31.5	BLRCS315A378B48 x 1	51565 x 1		LC1-DLK11M7 x 1	LC1D25 x1
50	63	BLRCS315A378B48 x 2	51566 x 1		LC1-DTK12M7 x 1	LC1D50 x1
100	126	BLRCS315A378B48 x 4	51567 x 1		-	LC1D115 x 1

PE90198_L20_reps



Contactor LC1DPK.

Network 400 V, 50 Hz Capacitor Voltage 525 V 5.7 % / 7 % Filter						
Effective Power (kvar)	Q _N at 525 V	Capacitor Ref.	5.7 % (210 Hz)	7 % (190 Hz)	Capacitor Duty Contactor Ref.	Power Contactor Ref.
			R Ref.	R Ref.		
6.5	10.6	BLRCS106A127B52 x 1	51573 x 1	51568 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
12.5	20	BLRCS200A240B52 x 1	52404 x 1	52352 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	40	BLRCS200A240B52 x 2	52405 x 1	52353 x 1	LC1-DMK11M7 x 1	LC1D32 x 1
50	82.5	BLRCS275A330B52 x 3	52406 x 1	52354 x 1	LC1-DWK12M7 x 1	LC1D80 x 1
100	165	BLRCS275A330B52 x 6	52407 x 1	51569 x 1	-	LC1D115 x 1

Network 400 V, 50 Hz Capacitor Voltage 525 V 14 % Filter						
Effective Power (kvar)	Q _N at 525 V	Capacitor Ref.	14 % (135 Hz)		Capacitor Duty Contactor Ref.	Power Contactor Ref.
			R Ref.			
6.5	10.6	BLRCS106A127B52 x 1	51563 x 1		LC1-DFK11M7 x 1	LC1D12 x 1
12.5	18.5	BLRCS185A222B52 x 1	51564 x 1		LC1-DGK11M7 x 1	LC1D12 x 1
25	37	BLRCS185A222B52 x 2	51565 x 1		LC1-DLK11M7 x 1	LC1D25 x 1
50	75	BLRCS250A300B52 x 3	51566 x 1		LC1-DTK12M7 x 1	LC1D50 x 1
100	150	BLRCS250A300B52 x 6	51567 x 1		-	LC1D115 x 1

VarplusCan SDuty + Detuned Reactor + Contactor

PE90154_L20_rep8



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Network 400 V, 60 Hz Capacitor Voltage 480 V 5.7 % / 7 % Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	5.7 % (250 Hz) R Ref	7 % (230 Hz) R Ref	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	9	BLRCS075A090B48 x 1	LVR05065B40 x 1	LVR07065B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
10	13.6	BLRCS113A136B48 x 1	LVR05100B40 x 1	LVR07100B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
12.5	17.3	BLRCS144A173B48 x 1	LVR05125B40 x 1	LVR07125B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	35	BLRCS288A346B48 x 1	LVR05250B40 x 1	LVR07250B40 x 1	LC1-DMK11M7 x 1	LC1D32 x 1
50	69	BLRCS288A346B48 x 2	LVR05500B40 x 1	LVR07500B40 x 1	LC1-DWK12M7 x 1	LC1D80 x 1
100	138	BLRCS339A407B48 x 4	LVR05X00B40 x 1	LVR07X00B40 x 1	-	LC1D115 x 1

PE90131_L20_rep8



Network 400 V, 60 Hz Capacitor Voltage 480 V 14 % Filter					
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	14 % (135 Hz) R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8	BLRCS067A080B48 x 1	LVR14065B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
10	12.5	BLRCS104A125B48 x 1	LVR14010B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
12.5	16.3	BLRCS136A163B48 x 1	LVR14125B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	31	BLRCS258A310B48 x 1	LVR14250B40 x 1	LC1-DLK11M7 x 1	LC1D25 x 1
50	62	BLRCS258A310B48 x 2	LVR14500B40 x 1	LC1-DTK12M7 x 1	LC1D50 x 1
100	124	BLRCS258A310B48 x 4	LVR14X00B40 x 1	-	LC1D115 x 1

PE90156_L20_rep8



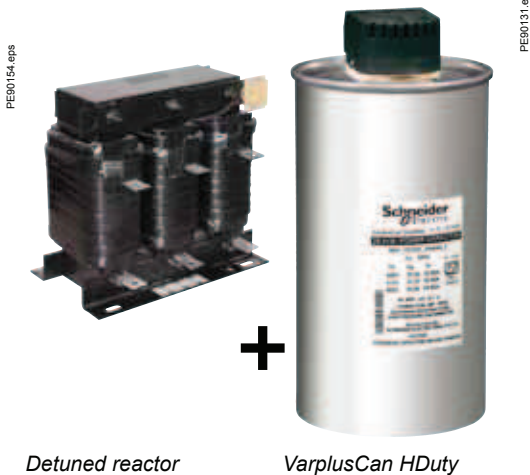
Contactor LC1DPK.

Network 400 V, 60 Hz Capacitor Voltage 525 V 5.7 % / 7 % Filter						
Effective Power (kvar)	Q _N at 525 V	Capacitor Ref.	5.7 % (210 Hz) R Ref	7 % (190 Hz) R Ref	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	10.6	BLRCS088A106B52 x 1	LVR05065B40 x 1	LVR07065B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
10	16.2	BLRCS135A162B52 x 1	LVR05100B40 x 1	LVR07100B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
12.5	20.6	BLRCS172A206B52 x 1	LVR05125B40 x 1	LVR07125B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	41	BLRCS172A206B52 x 2	LVR05250B40 x 1	LVR07250B40 x 1	LC1-DMK11M7 x 1	LC1D32 x 1
50	81	BLRCS200A240B52 x 2 + BLRCS275A330B52 x 1	LVR05500B40 x 1	LVR07500B40 x 1	LC1-DWK12M7 x 1	LC1D80 x 1
100	162	BLRCS200A240B52 x 4 + BLRCS275A330B52 x 2	LVR05X00B40 x 1	LVR07X00B40 x 1	-	LC1D115 x 1

Network 400 V, 60 Hz Capacitor Voltage 525 V 14 % Filter					
Effective Power (kvar)	Q _N at 525 V	Capacitor Ref.	14 % (135 Hz) R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	9.6	BLRCS080A096B52 x 1	LVR14065B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
10	14.8	BLRCS125A150B52 x 1	LVR14010B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
12.5	18.5	BLRCS154A185B52 x 1	LVR14125B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	37	BLRCS154A185B52 x 2	LVR14250B40 x 1	LC1-DLK11M7 x 1	LC1D25 x 1
50	75	BLRCS250A300B52 x 2 + BLRCS125A150B52 x 1	LVR14500B40 x 1	LC1-DTK12M7 x 1	LC1D50 x 1
100	150	BLRCS250A300B52 x 4 + BLRCS125A150B52 x 2	LVR14X00B40 x 1	-	LC1D115 x 1

VarplusCan HDuty harmonic applications

This harmonic rated range of capacitors is dedicated to applications where a high number of non-linear loads are present (N_{LL} up to 30 %). These capacitors are designed for use with detuned reactors, based on the Standard Heavy technology.



Operating conditions

- For networks with a large number of non-linear loads ($N_{LL} < 50\%$).
- Significant voltage disturbances.
- Significant switching frequency up to 7 000 /year.

Rated voltage

In a detuned filter application, the voltage across the capacitors is higher than the network service voltage (U_s). Then, capacitors must be designed to withstand higher voltages.

Depending on the selected tuning frequency, part of the harmonic currents are absorbed by the detuned capacitor bank. Then, capacitors must be designed to withstand higher currents, combining fundamental and harmonic currents.

The rated voltage of VarplusCan HDuty capacitors is given in the table below, for different values of network service voltage and relative impedance.

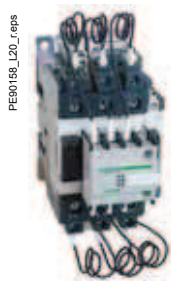
Capacitor Rated Voltage U_N (V)		Network Service Voltage U_s (V)				
		50 Hz		60 Hz		
		400	690	400	480	600
Relative Impedance (%)	5.7	480	830	480	575	690
	7					
	14					

In the following pages, the effective power (kvar) given in the tables is the reactive power provided by the combination of capacitors and reactors.

VarplusCan HDuty + Detuned Reactor + Contactor



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Contactor LC1DPK.

Network 400 V, 50 Hz Capacitor Voltage 480 V 5.7 % / 7 % Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	5.7 % (210 Hz) R Ref	7 % (190 Hz) R Ref	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8.8	BLRCH088A106B48 x 1	51573 x1	51568 x1	LC1-DFK11M7x1	LC1D12 x 1
12.5	17	BLRCH170A204B48 x 1	52404 x1	52352 x 1	LC1-DFK11M7x1	LC1D12 x 1
25	33.9	BLRCH339A407B48 x 1	52405 x1	52353 x1	LC1-DMK11M7x1	LC1D32 x 1
50	68	BLRCH339A407B48 x 2	52406 x1	52354 x1	LC1-DWK12M7x1	LC1D80 x 1
100	136	BLRCH339A407B48 x 4	52407 x1	51569 x1	-	LC1D115 x 1

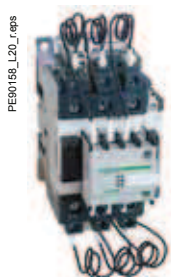
Network 400 V, 50 Hz Capacitor Voltage 480 V 14 % Filter					
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	14 % (135 Hz) R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8.8	BLRCH088A106B48 x 1	51563 x 1	LC1-DFK11M7 x1	LC1D12 x 1
12.5	15.5	BLRCH155A186B48 x 1	51564 x 1	LC1-DFK11M7 x1	LC1D12 x 1
25	31.5	BLRCH315A378B48 x 1	51565 x 1	LC1-DLK11M7 x1	LC1D25 x 1
50	63	BLRCH315A378B48 x 2	51566 x 1	LC1-DTK12M7 x1	LC1D50 x 1
100	126	BLRCH315A378B48 x 4	51567 x 1	-	LC1D115 x 1

Network 400 V, 50 Hz Capacitor Voltage 525 V 5.7 % / 7 % Filter						
Effective Power (kvar)	Q _N at 525 V	Capacitor Ref.	5.7 % (210 Hz) R Ref	7 % (190 Hz) R Ref	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	10.6	BLRCH106A127B52 x 1	51573 x 1	51568 x 1	LC1-DFK11M7x1	LC1D12 x 1
12.5	20	BLRCH200A240B52 x 1	52404 x 1	52352 x 1	LC1-DFK11M7x1	LC1D12 x 1
25	40.0	BLRCH400A480B52 x 1	52405 x 1	52353 x 1	LC1-DMK11M7x1	LC1D32 x 1
50	80.0	BLRCH400A480B52 x 2	52406 x 1	52354 x 1	LC1-DWK12M7x1	LC1D80 x 1
100	160.0	BLRCH400A480B52 x 4	52407 x 1	51569 x 1	-	LC1D115 x 1

Network 400 V, 50 Hz Capacitor Voltage 525 V 14 % Filter					
Effective Power (kvar)	Q _N at 525 V	Capacitor Ref.	14 % (135 Hz) R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	10.6	BLRCH106A127B52 x 1	51563 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
12.5	18.5	BLRCH185A222B52 x 1	51564 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	37.7	BLRCH377A452B52 x 1	51565 x 1	LC1-DLK11M7 x 1	LC1D25 x 1
50	75	BLRCH377A452B52 x 2	51566 x 1	LC1-DTK12M7 x 1	LC1D50 x 1
100	150	BLRCH377A452B52 x 4	51567 x 1	-	LC1D115 x 1

Network 690 V, 50 Hz Capacitor Voltage 830 V 5.7 % / 7 % Filter						
Effective Power (kvar)	Q _N at 830 V	Capacitor Ref.	5.7 % (210 Hz) R Ref	7 % (190 Hz) R Ref	Capacitor Duty Contactor Ref.	Power Contactor Ref.
12.5	17.1	BLRCH171A205B83 x 1	LVR05125A69 x 1	LVR07125A69 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	34	BLRCH341A409B83 x 1	LVR05250A69 x 1	LVR07250A69 x 1	LC1-DLK11M7 x 1	LC1D25 x 1
50	68	BLRCH341A409B83 x 2	LVR05500A69 x 1	LVR07500A69 x 1	LC1-DTK12M7 x 1	LC1D50 x 1
100	136	BLRCH341A409B83 x 4	LVR05X00A69 x 1	LVR07X00A69 x 1	LC1-DWK12M7 x 1	LC1D80 x 1

VarplusCan HDuty + Detuned Reactor + Contactor



Contactor LC1DPK.

Network 400 V, 60 Hz Capacitor Voltage 480 V 5.7 % / 7 % Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	5.7 % (250 Hz) R Ref	7 % (230 Hz) R Ref	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	9	BLRCH075A090B48 x 1	LVR05065B40 x 1	LVR07065B40 x 1	LC1-DFK11M7x1	LC1D12 x 1
10	13.6	BLRCH113A136B48 x 1	LVR05100B40 x 1	LVR07100B40 x 1	LC1-DFK11M7x1	LC1D12 x 1
12.5	17.3	BLRCH144A173B48 x 1	LVR05125B40 x 1	LVR07125B40 x 1	LC1-DFK11M7x1	LC1D12 x 1
25	34.6	BLRCH288A346B48 x 1	LVR05250B40 x 1	LVR07250B40 x 1	LC1-DMK11M7x1	LC1D32 x 1
50	68	BLRCH288A346B48 x 2	LVR05500B40 x 1	LVR07500B40 x 1	LC1-DWK12M7x1	LC1D80 x 1
100	136	BLRCH288A346B48 x 4	LVR05X00B40 x 1	LVR07X00B40 x 1	-	LC1D115 x 1

Network 400 V, 60 Hz Capacitor Voltage 480 V 14 % Filter					
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	14 % (160 Hz) R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8	BLRCH067A080B48 x 1	LVR14065B40 x 1	LC1-DFK11M7 x1	LC1D12 x1
10	12.5	BLRCH104A125B48 x 1	LVR14010B40 x 1	LC1-DFK11M7 x1	LC1D12 x1
12.5	16.3	BLRCH136A163B48 x 1	LVR14125B40 x 1	LC1-DFK11M7 x1	LC1D12 x1
25	31	BLRCH258A310B48 x 1	LVR14250B40 x 1	LC1-DLK11M7 x1	LC1D25 x1
50	62	BLRCH258A310B48 x 2	LVR14500B40 x 1	LC1-DTK12M7 x1	LC1D50 x1
100	124	BLRCH258A310B48 x 4	LVR14X00B40 x 1	-	LC1D115 x 1

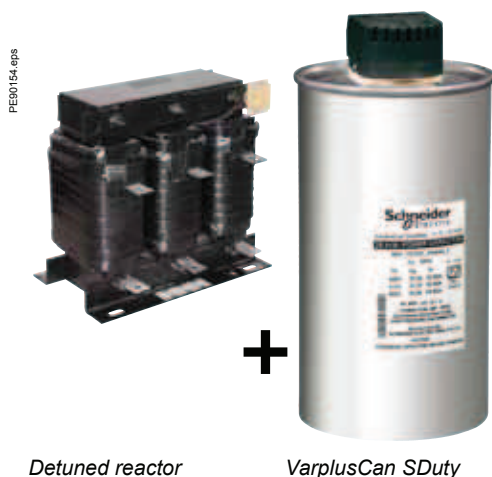
Network 400 V, 60 Hz Capacitor Voltage 525 V 5.7 % / 7 % Filter						
Effective Power (kvar)	Q _N at 525 V	Capacitor Ref.	5.7 % (250 Hz) R Ref	7 % (230 Hz) R Ref	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	10.6	BLRCH088A106B52 x 1	LVR05065B40 x 1	LVR07065B40 x 1	LC1-DFK11M7x1	LC1D12 x 1
10	16.2	BLRCH135A162B52 x 1	LVR05100B40 x 1	LVR07100B40 x 1	LC1-DFK11M7x1	LC1D12 x 1
12.5	20.6	BLRCH172A206B52 x 1	LVR05125B40 x 1	LVR07125B40 x 1	LC1-DFK11M7x1	LC1D12 x 1
25	41.3	BLRCH344A413B52 x 1	LVR05250B40 x 1	LVR07250B40 x 1	LC1-DMK11M7x1	LC1D32 x 1
50	83	BLRCH344A413B52 x 2	LVR05500B40 x 1	LVR07500B40 x 1	LC1-DWK12M7x1	LC1D80 x 1
100	165	BLRCH344A413B52 x 4	LVR05X00B40 x 1	LVR07X00B40 x 1	-	LC1D115 x 1

Network 400 V, 60 Hz Capacitor Voltage 525 V 14 % Filter					
Effective Power (kvar)	Q _N at 525 V	Capacitor Ref.	14 % (160 Hz) R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	9.6	BLRCH080A096B52 x 1	LVR14065B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
10	14.8	BLRCH125A150B52 x 1	LVR14010B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
12.5	18.5	BLRCH154A185B52 x 1	LVR14125B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	37.1	BLRCH309A371B52 x 1	LVR14250B40 x 1	LC1-DLK11M7 x 1	LC1D25 x 1
50	74	BLRCH309A371B52 x 2	LVR14500B40 x 1	LC1-DTK12M7 x 1	LC1D50 x 1
100	148	BLRCH309A371B52 x 4	LVR14X00B40 x 1	-	LC1D115 x 1

Network 480 V, 60 Hz Capacitor Voltage 575 V 5.7 % Filter					
Effective Power (kvar)	Q _N at 575 V	Capacitor Ref.	5.7 % (250 Hz) R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
12.5	18	BLRCH150A180B57 x 1	LVR05125B48 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	35	BLRCH292A350B57 x 1	LVR05250B48 x 1	LC1-DLK11M7 x 1	LC1D25 x 1
50	70	BLRCH292A350B57 x 2	LVR05500B48 x 1	LC1-DTK12M7 x 1	LC1D50 x 1
100	140	BLRCH292A350B57 x 4	LVR05X00B48 x 1	-	LC1D115 x 1

Network 600 V, 60 Hz Capacitor Voltage 690 V 5.7 % Filter					
Effective Power (kvar)	Q _N at 690 V	Capacitor Ref.	5.7 % (250 Hz) R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
12.5	16.5	BLRCH138A165B69 x 1	LVR05125B60 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	33.1	BLRCH276A331B69 x 1	LVR05250B60 x 1	LC1-DLK11M7 x 1	LC1D25 x 1
50	66	BLRCH276A331B69 x 2	LVR05500B60 x 1	LC1-DTK12M7 x 1	LC1D50 x 1
100	132	BLRCH276A331B69 x 4	LVR05X00B60 x 1	-	LC1D115 x 1

This harmonic rated range of capacitors is dedicated to applications where a high number of non-linear loads are present (N_{LL} up to 30 %). These capacitors are designed for use with detuned reactors, based on the Energy technology.



Detuned reactor

VarplusCan SDuty

Operating conditions

- For networks with a large number of non-linear loads ($N_{LL} < 50 \%$).
- Significant voltage disturbances.
- Severe temperature conditions up to 70 °C.
- Very frequent switching operations up to 10,000/year.

Rated voltage

In a detuned filter application, the voltage across the capacitors is higher than the network service voltage (U_s). Then, capacitors must be designed to withstand higher voltages.

Depending on the selected tuning frequency, part of the harmonic currents is absorbed by the detuned capacitor bank. Then, capacitors must be designed to withstand higher currents, combining fundamental and harmonic currents.

The rated voltage of VarplusCan Energy capacitors is given in the table below, for different values of network service voltage and relative impedance.

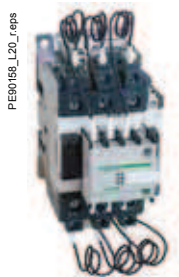
Capacitor Rated Voltage U_N (V)		Network Service Voltage U_s (V)	
		50 Hz	60 Hz
		400	400
Relative Impedance (%)	5.7	480	480
	7		
	14		

In the following pages, the effective power (kvar) given in the tables is the reactive power provided by the combination of capacitors and reactors.

VarplusCan Energy + Detuned Reactor + Contactor



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Contactor LC1DPK.

Network 400 V, 50 Hz Capacitor Voltage 480 V 5.7 % / 7 % Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	5.7 % (210 Hz) R Ref	7 % (190 Hz) R Ref	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8.8	BLRCE088A106B48 x 1	51573 x 1	51568 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
12.5	17	BLRCE170A204B48 x 1	52404 x 1	52352 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	34	BLRCE170A204B48 x 2	52405 x 1	52353 x 1	LC1-DMK11M7 x 1	LC1D32 x 1
50	68	BLRCE170A204B48 x 4	52406 x 1	52354 x 1	LC1-DWK12M7 x 1	LC1D80 x 1
100	136	BLRCE170A204B48 x 8	52407 x 1	51569 x 1	-	LC1D115 x 1

Network 400 V, 50 Hz Capacitor Voltage 480 V 14 % Filter					
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	14 % (135 Hz) R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8.8	BLRCE088A106B48 x 1	51563 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
12.5	15.5	BLRCE155A186B48 x 1	51564 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	31	BLRCE155A186B48 x 2	51565 x 1	LC1-DLK11M7 x 1	LC1D25 x 1
50	62	BLRCE155A186B48 x 4	51566 x 1	LC1-DTK12M7 x 1	LC1D50 x 1
100	124	BLRCE155A186B48 x 8	51567 x 1	-	LC1D115 x 1

Network 400 V, 60 Hz Capacitor Voltage 480 V 5.7 % / 7 % Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	5.7 % (250 Hz) R Ref	7 % (230 Hz) R Ref	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8.9	BLRCE075A090B48 x 1	LVR05065B40 x 1	LVR07065B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
10	13.6	BLRCE113A136B48 x 1	LVR05100B40 x 1	LVR07100B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
12.5	17.3	BLRCE144A173B48 x 1	LVR05125B40 x 1	LVR07125B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	35	BLRCE144A173B48 x 2	LVR05250B40 x 1	LVR07250B40 x 1	LC1-DLK11M7 x 1	LC1D32 x 1
50	69	BLRCE144A173B48 x 4	LVR05500B40 x 1	LVR07500B40 x 1	LC1-DTK12M7 x 1	LC1D80 x 1
100	138	BLRCE144A173B48 x 8	LVR05X00B40 x 1	LVR07X00B40 x 1	-	LC1D115 x 1

Network 400 V, 60 Hz Capacitor Voltage 480 V 14 % Filter					
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	14 % (160 Hz) R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8	BLRCE067A080B48 x 1	LVR14065B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
10	12.5	BLRCE104A125B48 x 1	LVR14010B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
12.5	16.3	BLRCE136A163B48 x 1	LVR14125B40 x 1	LC1-DFK11M7 x 1	LC1D12 x 1
25	33	BLRCE136A163B48 x 2	LVR14250B40 x 1	LC1-DMK11M7 x 1	LC1D25 x 1
50	65	BLRCE136A163B48 x 4	LVR14500B40 x 1	LC1-DWK12M7 x 1	LC1D50 x 1
100	130	BLRCE136A163B48 x 8	LVR14X00B40 x 1	-	LC1D115 x 1