

An easy choice for savings which is optimized to deliver the performance you need. Suitable for standard operating conditions to deliver safe and reliable performance.



EasyCan three phase



EasyCan single phase

Operating conditions

- For networks with insignificant non-linear loads: ($N_{LL} \leq 10\%$).
- Standard voltage disturbances.
- Standard operating temperature up to 55 °C.
- Normal switching frequency up to 5000 /year.
- Maximum current (including harmonics) is $1.5 \times I_N$.

Technology

Constructed internally with single-phase capacitor elements assembled in an optimized design. Each capacitor element is manufactured with metallized polypropylene film.

The active capacitor elements are covered in a specially formulated biodegradable, non-PCB, polyurethane soft resin. This ensures thermal stability and heat removal from inside the capacitor.

The unique finger-proof CLAMPTITE termination is fully integrated with discharge resistors. It allows suitable access to tightening and cable termination without any loose connections.

For Lower ratings, double fast-on terminals with integrated cables are provided for easy and faster connection, reducing the risk of terminal overheating and failure.

Safety

- Self-healing.
- Pressure-sensitive disconnecter on all the phase.
- Discharge resistors fitted - non removable.
- Finger-proof CLAMPTITE terminals to reduce risk of accidental contact and to ensure firm termination (10 to 30.3 kvar in three phase and 8.3 - 15.1 kvar in single phase).

Easy installation & maintenance

- Optimized design for safety, reliability with required performance , Optimized size to ensure easy installation and upto 20% space saving in cubicles.
- New CLAMPTITE terminals for easy of connection that maintains the terminal tightness with IP20 protection.
- Non accessible in-built discharge resistors to ensure safety.
- Single point/Stud for mounting and earthing.
- Simultaneous and safe disconnection of all the phases at end of life in EasyCan.
- Stacked design and resin filled technology for better heat dissipation/cooling.

Benefits

- Easy installation
- Easy for reliability and safe usage.
- Easy for quality assurance.
- Easy choice for building your solutions with other Schneider Electric components.
- Easy choice for savings.

EasyCan

Single Phase & Three Phase

EasyCan300kvar



EasyCan400kvar_SF_100kvar



Technical specifications

General characteristics

Standards	IEC 60831-1/2
Voltage range	230V to 525V in Three Phase & 220-440V in Single Phase
Frequency	50 / 60 Hz
Power range	1-30.3 kvar
Losses (dielectric)	< 0.2 W/kvar
Losses (total)	< 0.5 W/kvar
Capacitance tolerance	-5 %, +10 %
Voltage test	Between terminals 2.15 x U _N (AC), 10 s Between terminal & container 3 kV (AC), 10 s or 3.66 kV (AC), 2 s Impulse voltage 8 kV
Discharge resistor	Fitted, standard discharge time 60 s

Working conditions

Ambient temperature	-25 / 55 °C (Class D)
Humidity	95 %
Altitude	2,000 m above sea level
Overvoltage	1.1 x U _N 8 h in every 24 h
Overcurrent	Up to 1.5 x I _N
Peak inrush current	200 x I _N
Switching operations (max.)	Up to 5,000 switching operations per year
Mean Life expectancy	Up to 100,000 hrs
Harmonic content withstand	N _{LL} ≤ 10 %

Installation characteristics

Mounting position	Indoor, upright
Fastening	Threaded M12 stud at the bottom
Earthing	
Terminals	■ CLAMPTITE - terminals with electric shock protection (finger-proof) & double fast-on terminal in lower kvar ■ Stud type terminal: □ Three way stud type terminals for the ratings above 30.3 kvar in three phase capacitors (2 terminals for single phase) □ Two way stud terminals for ratings above 15.1 kvar in single phase

Safety features

Safety	Self-healing + Pressure-sensitive disconnecter + Discharge device
Protection	IP20 (for fast-on and clamptite)

Construction

Casing	Extruded Aluminium Can
Dielectric	Metallized polypropylene film with Zn/Al alloy
Impregnation	Biodegradable, Non-PCB, poly urethane soft resin

⚠ WARNING

HAZARD OF ELECTRICAL SHOCK

Wait 5 minutes after isolating supply before handling



Failure to follow these instructions can result in injury or equipment damage

Rated Voltage 240 to 440 V							µF (X1)	Case Code	Reference Number
50 Hz									
Q _N (kvar)									
230 V	240 V	250 V	280 V	300 V	400 V	440 V			
0.25	0.27	0.29	0.37	0.42	0.75	-	15.9	ECM	BLRCSM008A010B40
0.50	0.54	0.59	0.74	0.8	1.5	-	29.9	GCM	BLRCSM015A018B40
0.83	0.90	1.0	1.2	1.4	2.5	-	49.8	GCM	BLRCSM025A030B40
1.0	1.1	1.2	1.5	1.7	3.0	-	59.7	GCM	BLRCSM030A036B40
1.1	1.2	1.4	1.7	2.0	3.5	4.2	69.1	GCM	BLRCSM042A050B44
1.4	1.5	1.6	2.0	2.3	4.2	-	83.6	KCM	BLRCSM042A050B40
1.5	1.6	1.8	2.2	2.5	4.5	-	89.6	KCM	BLRCSM045A054B40
2.5	2.7	3.0	3.7	4.3	7.6	-	151.3	LCM	BLRCSM076A091B40
2.8	3.0	3.3	4.1	4.7	8.3	-	165.2	RCM	BLRCSM083A100B40
5.0	5.4	5.9	7.4	8.5	15.1	-	300.6	RCM	BLRCSM151A181B40
7.1	7.7	8.4	10.5	12.1	21.5	-	427.9	TCM	BLRCSM215A258B40
7.4	8.1	8.8	11.0	12.7	22.5	-	447.9	TCM	BLRCSM225A270B40
7.7	8.4	9.1	11.4	13.1	23.3	-	463.8	TCM	BLRCSM233A280B40
8.5	9.3	10.1	12.6	14.5	25.8	-	513.5	VCM	BLRCSM258A310B40
9.2	10.1	10.9	13.7	15.7	28.0	-	557.3	VCM	BLRCSM280A336B40
10.0	10.9	11.8	14.8	17.0	30.2	-	601.1	VCM	BLRCSM302A362B40
10.6	11.6	12.6	15.8	18.1	-	-	640.5	TCM	BLRCSM181A217B30
11.5	12.6	13.6	17.1	19.6	-	-	693.6	TCM	BLRCSM196A235B30

Rated Voltage 240 to 440 V							µF (X1)	Case Code	Reference Number
60 Hz									
Q _N (kvar)									
230 V	240 V	250 V	280 V	300 V	400 V	440 V			
230V	240V	250V	280V	300V	400V	440V			
0.30	0.32	0.35	0.44	0.51	0.90	-	15.9	ECM	BLRCSM008A010B40
0.60	0.65	0.70	0.88	1.0	1.8	-	29.9	GCM	BLRCSM015A018B40
1.0	1.1	1.2	1.5	1.7	3.0	-	49.8	GCM	BLRCSM025A030B40
1.2	1.3	1.4	1.8	2.0	3.6	-	59.7	GCM	BLRCSM030A036B40
1.4	1.5	1.6	2.0	2.3	4.2	5.0	69.1	GCM	BLRCSM042A050B44
1.7	1.8	2.0	2.5	2.8	5.0	-	83.6	KCM	BLRCSM042A050B40
1.8	1.9	2.1	2.6	3.0	5.4	-	89.6	KCM	BLRCSM045A054B40
3.0	3.3	3.6	4.5	5.1	9.1	-	151.3	LCM	BLRCSM076A091B40
3.3	3.6	3.9	4.9	5.6	10.0	-	165.2	RCM	BLRCSM083A100B40
6.0	6.5	7.1	8.9	10.2	18.1	-	300.6	RCM	BLRCSM151A181B40
8.5	9.3	10.1	12.6	14.5	25.8	-	427.9	TCM	BLRCSM215A258B40
8.9	9.7	10.5	13.2	15.2	27.0	-	447.9	TCM	BLRCSM225A270B40
9.2	10.1	10.9	13.7	15.7	27.9	-	463.8	TCM	BLRCSM233A280B40
10.2	11.1	12.1	15.2	17.4	30.9	-	513.5	VCM	BLRCSM258A310B40
11.1	12.1	13.1	16.4	18.9	33.6	-	557.3	VCM	BLRCSM280A336B40
12.0	13.0	14.2	17.8	20.4	36.2	-	601.1	VCM	BLRCSM302A362B40
12.8	13.9	15.1	18.9	21.7	-	-	640.5	TCM	BLRCSM181A217B30
13.8	15.1	16.4	20.5	23.6	-	-	693.6	TCM	BLRCSM196A235B30

EasyCan

Three Phase

Rated Voltage 240/260 V										
50 Hz				60 Hz				μF (X3)	Case Code	Reference Number
Q _N (kvar)			I _N (A) at 260 V	Q _N (kvar)			I _N (A) at 260 V			
230 V	240 V	260 V		230 V	240 V	260 V				
2.5	2.7	3.2	7.1	3.0	3.3	3.8	8.5	46.0	HC	BLRCS027A033B24
5.0	5.4	6.4	14.2	6.0	6.5	7.7	17.0	92.1	MC	BLRCS054A065B24
5.8	6.3	7.4	16.4	6.9	7.5	8.9	19.7	116.0	NC	BLRCS063A075B24
7.6	8.3	9.6	21.3	9.1	10.0	11.5	25.5	138.1	NC	BLRCS083A100B24
10.0	10.9	12.8	28.4	12.0	13.0	15.3	34.1	152.8	SC	BLRCS109A130B24

Rated Voltage 380/400/415 V										
50 Hz				60 Hz				μF (X3)	Case Code	Reference Number
Q _N (kvar)			I _N (A)	Q _N (kvar)			I _N (A)			
380 V	400 V	415 V	at 400 V	380 V	400 V	415 V	at 400 V			
0.9	1.0	1.1	1.4	1.1	1.2	1.3	1.7	6.6	EC	BLRCS010A012B40
1.5	1.7	1.8	2.5	1.8	2.0	2.2	2.9	11.3	DC	BLRCS017A020B40
1.8	2.0	2.2	2.9	2.2	2.4	2.6	3.5	13.3	DC	BLRCS020A024B40
2.3	2.5	2.7	3.6	2.7	3.0	3.2	4.3	16.6	DC	BLRCS025A030B40
2.7	3.0	3.2	4.3	3.2	3.6	3.9	5.2	19.9	DC	BLRCS030A036B40
3.8	4.2	4.5	6.1	4.5	5.0	5.4	7.3	27.8	HC	BLRCS042A050B40
4.5	5.0	5.4	7.2	5.4	6.0	6.5	8.7	33.1	HC	BLRCS050A060B40
5.7	6.3	6.8	9.1	6.8	7.5	8.1	10.9	41.8	HC	BLRCS063A075B40
6.8	7.5	8.1	10.8	8.1	9.0	9.7	13.0	49.7	HC	BLRCS075A090B40
7.5	8.3	8.9	12.0	9.0	10.0	10.7	14.4	55.0	LC	BLRCS083A100B40
9.4	10.4	11.2	15.0	11.3	12.5	13.4	18.0	68.9	MC	BLRCS104A125B40
11.3	12.5	13.5	18.0	13.5	15.0	16.1	21.7	82.9	NC	BLRCS125A150B40
13.5	15.0	16.1	21.7	16.2	18.0	19.4	26.0	99.4	NC	BLRCS150A180B40
15.1	16.7	18.0	24.1	18.1	20.0	21.6	28.9	110.7	SC	BLRCS167A200B40
18.1	20.0	21.5	28.9	21.7	24.0	25.8	34.6	132.6	SC	BLRCS200A240B40
18.8	20.8	22.4	30.0	22.5	25.0	26.9	36.0	137.9	SC	BLRCS208A250B40
20.0	22.2	23.9	32.0	24.0	26.6	28.7	38.4	147.0	SC	BLRCS222A266B40
22.6	25.0	26.9	36.1	27.1	30.0	32.3	43.3	165.7	SC	BLRCS250A300B40
25.0	27.7	29.8	40.0	30.0	33.2	35.8	48.0	184.0	VC	BLRCS277A332B40

Rated Voltage 440 V										
50 Hz				60 Hz				μF (X3)	Case Code	Reference Number
Q_N (kvar)				Q_N (kvar)						
400 V	415 V	440 V	I_N (A) at 440 V	400 V	415 V	440 V	I_N (A) at 440 V			
2.5	2.7	3.0	3.9	3.0	3.2	3.6	4.7	16.4	DC	BLRCS030A036B44
4.1	4.4	5.0	6.6	5.0	5.3	6.0	7.9	27.4	HC	BLRCS050A060B44
6.2	6.7	7.5	9.8	7.4	8.0	9.0	11.8	41.1	HC	BLRCS075A090B44
8.3	8.9	10.0	13.1	9.9	10.7	12.0	15.7	54.8	LC	BLRCS100A120B44
10.3	11.1	12.5	16.4	12.4	13.3	15.0	19.7	68.5	NC	BLRCS125A150B44
11.8	12.7	14.3	18.8	14.2	15.3	17.2	22.5	78.3	NC	BLRCS143A172B44
12.4	13.3	15.0	19.7	14.9	16.0	18.0	23.6	82.2	NC	BLRCS150A180B44
14.0	15.0	16.9	22.2	16.8	18.0	20.3	26.6	92.6	SC	BLRCS169A203B44
15.0	16.2	18.2	23.9	18.0	19.4	21.8	28.7	99.7	SC	BLRCS182A218B44
16.5	17.8	20.0	26.2	19.8	21.4	24.0	31.5	109.6	SC	BLRCS200A240B44
20.7	22.2	25.0	32.8	24.8	26.7	30.0	39.4	137.0	SC	BLRCS250A300B44
23.6	25.4	28.5	37.4	28.3	30.4	34.2	44.9	156.1	SC	BLRCS285A342B44
25.0	27.0	30.3	39.8	30.0	32.3	36.4	47.7	166.0	SC	BLRCS303A364B44

Rated Voltage 480 V										
50 Hz				60 Hz				μF (X3)	Case Code	Reference Number
Q_N (kvar)				Q_N (kvar)						
400 V	415 V	480 V	I_N (A) at 480 V	400 V	440 V	480 V	I_N (A) at 480 V			
2.9	3.1	4.2	5.1	3.5	4.2	5.0	6.1	19.3	HC	BLRCS042A050B48
4.7	5.0	6.7	8.1	5.6	6.8	8.0	9.7	30.8	HC	BLRCS067A080B48
6.1	6.6	8.8	10.6	7.3	8.9	10.6	12.7	40.5	LC	BLRCS088A106B48
7.2	7.8	10.4	12.5	8.7	10.5	12.5	15.0	47.9	MC	BLRCS104A125B48
8.7	9.3	12.5	15.0	10.4	12.6	15.0	18.0	57.5	NC	BLRCS125A150B48
10.8	11.6	15.5	18.6	12.9	15.6	18.6	22.4	71.4	NC	BLRCS155A186B48
11.8	12.7	17.0	20.4	14.2	17.1	20.4	24.5	78.3	NC	BLRCS170A204B48
12.9	13.9	18.6	22.4	15.5	18.8	22.3	26.9	85.6	SC	BLRCS186A223B48
14.4	15.5	20.8	25.0	17.3	21.0	25.0	30.0	95.7	SC	BLRCS208A250B48
17.9	19.3	25.8	31.0	21.5	26.0	31.0	37.2	118.8	SC	BLRCS258A310B48
20.0	21.5	28.8	34.6	24.0	29.0	34.6	41.6	132.6	VC	BLRCS288A346B48
21.9	23.5	31.5	37.9	26.3	31.8	37.8	45.5	145.0	VC	BLRCS315A378B48
23.5	25.3	33.9	40.8	28.3	34.2	40.7	48.9	156.1	XC	BLRCS339A407B48

Rated Voltage 525 V										
50 Hz				60 Hz				μF (X3)	Case Code	Reference Number
Q_N (kvar)				Q_N (kvar)						
415 V	480 V	525 V	I_N (A) at 525 V	400 V	480 V	525 V	I_N (A) at 525 V			
3.1	4.2	5.0	5.5	3.5	5.0	6.0	6.6	19.2	HC	BLRCS050A060B52
6.6	8.9	10.6	11.7	7.4	10.6	12.7	14.0	40.8	MC	BLRCS106A127B52
7.8	10.4	12.5	13.7	8.7	12.5	15.0	16.5	48.1	NC	BLRCS125A150B52
9.6	12.9	15.4	16.9	10.7	15.4	18.5	20.3	59.3	NC	BLRCS154A185B52
12.5	16.7	20.0	22.0	13.9	20.1	24.0	26.4	77.0	SC	BLRCS200A240B52
15.6	20.9	25.0	27.5	17.4	25.1	30.0	33.0	96.2	SC	BLRCS250A300B52

EasyCan harmonic applications

Three Phase Applications

EasyCan capacitors are designed to work in slightly polluted networks with detuned reactors. 480 and 525V range of EasyCan is designed to work with detuned reactors in 400V.



Operating conditions

- For slightly polluted networks.
- Slight voltage disturbances.
- Need of 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 EasyCan 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.

EasyCan + Detuned Reactor + Contactor + MCCB

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Network 400 V, 50 Hz Capacitor Voltage 480 V 5.7 % / 7 % Detuned Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	5.7% fr = 215Hz	7% fr = 190Hz	Switching: Contactor Ref.	Protection: Easypact CVS (I _{cu} =36kA)Ref.
			D R Ref	D R Ref.		
6.5	8.8	BLRCS088A106B48 × 1	LVR05065A40T × 1	LVR07065A40T × 1	LC1D12 × 1	LV510330 × 1
12.5	17	BLRCS170A204B48 × 1	LVR05125A40T × 1	LVR07125A40T × 1	LC1D18 × 1	LV510331 × 1
25	33.9	BLRCS339A407B48 × 1	LVR05250A40T × 1	LVR07250A40T × 1	LC1D38 × 1	LV510334 × 1
50	67.9	BLRCS339A407B48 × 2	LVR05500A40T × 1	LVR07500A40T × 1	LC1D95 × 1	LV510337 × 1
100	136	BLRCS339A407B48 × 4	LVR05X00A40T × 1	LVR07X00A40T × 1	LC1F185 × 1	LV525332 × 1

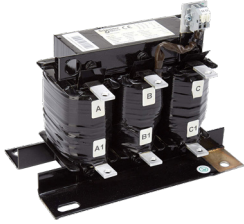
Network 400 V, 50 Hz Capacitor Voltage 480 V 14 % Detuned Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	14% fr = 135Hz		Switching: Contactor Ref.	Protection: Easypact CVS (I _{cu} =36kA)Ref.
			D R Ref			
6.5	8.8	BLRCS088A106B48 × 1	LVR14065A40T × 1		LC1D12 × 1	LV510330 × 1
12.5	15.5	BLRCS155A186B48 × 1	LVR14125A40T × 1		LC1D18 × 1	LV510331 × 1
25	31.5	BLRCS315A378B48 × 1	LVR14250A40T × 1		LC1D38 × 1	LV510334 × 1
50	63	BLRCS315A378B48 × 2	LVR14500A40T × 1		LC1D95 × 1	LV510337 × 1
100	126	BLRCS315A378B48 × 4	LVR14X00A40T × 1		LC1F185 × 1	LV525332 × 1

Network 400 V, 50 Hz Capacitor Voltage 525 V 5.7 % / 7 % Detuned Filter						
Effective Power (kvar)	Q _N at 525 V	Capacitor Ref.	5.7% fr = 215Hz	7% fr = 190Hz	Switching: Contactor Ref.	Protection: Easypact CVS (I _{cu} =36kA) Ref.
			D R Ref	D R Ref.		
6.5	10.6	BLRCS106A127B52 × 1	LVR05065A40T × 1	LVR07065A40T × 1	LC1D12 × 1	LV510330 × 1
12.5	20	BLRCS200A240B52 × 1	LVR05125A40T × 1	LVR07125A40T × 1	LC1D18 × 1	LV510331 × 1
25	40	BLRCS200A240B52 × 2	LVR05250A40T × 1	LVR07250A40T × 1	LC1D38 × 1	LV510334 × 1
50	80	BLRCS200A240B52 × 4	LVR05500A40T × 1	LVR07500A40T × 1	LC1D95 × 1	LV510337 × 1
100	160	BLRCS200A240B52 × 8	LVR05X00A40T × 1	LVR07X00A40T × 1	LC1F185 × 1	LV525332 × 1

Network 400 V, 50 Hz Capacitor Voltage 525 V 14 % Detuned Filter						
Effective Power (kvar)	Q _N at 525 V	Capacitor Ref.	14% fr = 135Hz		Switching: Contactor Ref.	Protection: Easypact CVS (I _{cu} =36kA)Ref.
			D R Ref.			
6.5	10.6	BLRCS106A127B52 × 1	LVR14065A40T × 1		LC1D12 × 1	LV510330 × 1
12.5	20	BLRCS200A240B52 × 1	LVR14125A40T × 1		LC1D18 × 1	LV510331 × 1
25	40	BLRCS200A240B52 × 2	LVR14250A40T × 1		LC1D38 × 1	LV510334 × 1
50	75	BLRCS250A300B52 × 3	LVR14500A40T × 1		LC1D95 × 1	LV510337 × 1
100	150	BLRCS250A300B52 × 6	LVR14X00A40T × 1		LC1F185 × 1	LV525332 × 1

EasyCan + Detuned Reactor + Contactor + MCCB

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Network 400 V, 60 Hz Capacitor Voltage 480 V 5.7 % / 7 % Detuned Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	5.7% fr = 250Hz	7% fr = 230Hz	Switching: Contactor Ref.	Protection: Easypact CVS (I _{cu} =36kA)Ref.
			D R Ref	D R Ref		
12.5	17.3	BLRCS144A173B48 × 1	LVR05125B40T × 1	LVR07125B40T × 1	LC1D18 × 1	LV510331 × 1
25	34.6	BLRCS288A346B48 × 1	LVR05250B40T × 1	LVR07250B40T × 1	LC1D38 × 1	LV510334 × 1
50	69.2	BLRCS288A346B48 × 2	LVR05500B40T × 1	LVR07500B40T × 1	LC1D95 × 1	LV510337 × 1
100	138.4	BLRCS288A346B48 × 4	LVR05X00B40T × 1	LVR07X00B40T × 1	LC1F185 × 1	LV525332 × 1

Network 400 V, 60 Hz Capacitor Voltage 480 V 14 % Detuned Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	14% fr = 160Hz		Switching: Contactor Ref.	Protection: Easypact CVS (I _{cu} =36kA)Ref.
			D R Ref.			
12.5	16.3	BLRCS136A163B48 × 1	LVR14125B40T × 1		LC1D18 × 1	LV510331 × 1
25	31	BLRCS258A310B48 × 1	LVR14250B40T × 1		LC1D38 × 1	LV510334 × 1
50	62	BLRCS258A310B48 × 2	LVR14500B40T × 1		LC1D95 × 1	LV510337 × 1
100	124	BLRCS258A310B48 × 4	LVR14X00B40T × 1		LC1F185 × 1	LV525332 × 1

A safe, reliable, high-performance and flexible solution for power factor correction in stringent operating conditions to maximise your savings

Group/Capacity/kva



VarPlus Can

Operating conditions

- For networks with insignificant non-linear loads: ($N_{LL} < 20\%$).
- Significant voltage disturbances.
- Standard operating temperature up to 55 °C.
- Normal switching frequency up to 7000 /year.
- Over current handling(including harmonics) up to $1.8 \times I_N$.

Technology

VarPlus Can capacitors are constructed internally with single-phase capacitor elements. Each capacitor element is manufactured with metallized polypropylene film as the dielectric, having features such as heavy edge, slope metallization and wave-cut profile to ensure increased current handling capacity and reduced temperature rise.

Sticky resin which give good thermal conductivity and mechanical stability allows the capacitor to carry higher overloads.

Stud type terminals are designed for handling higher currents for capacitors more than 30kvar.

The unique finger-proof CLAMPTITE termination is fully integrated with discharge resistors, allowing suitable access for tightening and ensuring cable termination without any loose connections.

For lower ratings, double fast-on terminals with wires are provided.

Safety

- Self-healing.
- Pressure-sensitive disconnecter on all three phases independent of mechanical assembly.
- Tamper resistant non-assessible in-built discharge resistors.
- Unique Finger-proof New CLAMPTITE terminals to reduce risk of accidental contact and to ensure firm termination and maintained tightness.
- Special film resistivity and metallization profile for higher thermal efficiency, lower temperature rise and enhanced life expectancy.

High performance, Reliability and Flexibility with VarPlus Can

- Power ratings up to 57.1 kvar in single can and compactness across the range to reduce your cubicle space up to 40%.
- Build your type tested Schneider electric solution with VarPlus Can – Prisma, Blokset and Okken.
- In-built user assistance and warnings on the product for a delight user experience.
- Flexibility in Vertical and horizontal mounting.
- 3 Phase disconnection of Pressure sensitive disconnecter at the end of life which is independent of mechanical assembly for safety and reliability.
- Use of special conductors in stacked design impregnated in resin to ensure better cooling and enhanced life.
- Metallized polypropylene with wave cut and heavy edge technology to handle over current conditions in harsh environments.
- Specially formulated sticky resin to increase the mechanical stability of capacitor elements for higher rating capacitors to ensure better cooling and extended life.
- Designed for high performance in harsh environment to ensure 30% extended life compared to standard capacitors.

Benefits

- Saving in panel space due to compact design and higher kvar range.
- High Performance & Long life.
- High over current handling.
- Unique disconnection system and in-built discharge device.
- Flexibility in installation - upright and horizontal.

VarPlus Can

3 Phase Capacitors

VarPlus Can02 copy eps



VarPlus Can02 copy eps



Technical specifications

General characteristics

Standards	IEC 60831-1/2
Voltage range	230 to 830 V
Frequency	50 / 60 Hz
Power range	1 to 57.1 kvar
Losses (dielectric)	< 0.2 W/kvar
Losses (total)	< 0.5 W/kvar
Capacitance tolerance	-5%, +10 %
Voltage test	Between terminals 2.15 x U _N (AC), 10 s
	Between terminal & container ≤ 525 V: 3 kV (AC), 10 s or 3.66 kV (AC), 2 s
	> 525 V: 3.66 kV (AC), 10 s or 4.4 kV (AC), 2 s
	Impulse voltage ≤ 690 V: 8 kV
	> 690 V: 12 kV
Discharge resistor	Fitted, standard discharge time 60 s

Working conditions

Ambient temperature	-25 / 55 °C (Class D)
Humidity	95 %
Altitude	2,000 m above sea level
Overvoltage	1.1 x U _N 8 h in every 24 h
Overcurrent	Up to 1.8 x I _N
Peak inrush current	250 x I _N
Switching operations (max.)	Up to 7,000 switching operations per year
Mean Life expectancy	Up to 130,000 hrs
Harmonic content withstand	N _{LL} ≤ 20 %

Installation characteristics

Mounting position	Indoor, upright & horizontal
Fastening	Threaded M12 stud at the bottom
Earthing	
Terminals	CLAMPTITE - three-way terminal with electric shock protection (finger-proof) and, double in lower kvar and stud type for higher power ratings

Safety features

Safety	Self-healing + Pressure-sensitive disconnecter + Discharge device
Protection	IP20 (for fast-on and clamptype terminal)

Construction

Casing	Extruded Aluminium Can
Dielectric	Metallized polypropylene film with Zn/Al alloy. Special resistivity & profile, special edge (wave-cut)
Impregnation	Non-PCB, polyurethane sticky resin (Dry)

⚠ WARNING

HAZARD OF ELECTRICAL SHOCK

Wait 5 minutes after isolating supply before handling

 Failure to follow these instructions can result in injury or equipment damage

Rated Voltage 240/260 V										
50 Hz				60 Hz				µF (X3)	Case Code	Reference Number
Q _N (kvar)			I _N (A)	Q _N (kvar)			I _N (A)			
230 V	240 V	260 V	at 260 V	230 V	240 V	260 V	at 260 V			
2.5	2.7	3.2	7.0	3.0	3.3	3.8	8.4	49.7	HC	BLRCH027A033B24
3.9	4.2	4.9	10.9	4.6	5.0	5.9	13.1	77.3	HC	BLRCH042A050B24
5.0	5.4	6.3	14.1	6.0	6.5	7.6	16.9	99.4	MC	BLRCH054A065B24
5.8	6.3	7.4	16.4	6.9	7.5	8.8	19.5	116.0	RC	BLRCH063A075B24
7.6	8.3	9.7	21.6	9.2	10.0	11.7	26.1	152.4	RC	BLRCH083A100B24
10.0	10.9	12.8	28.4	12.0	13.0	15.3	34.1	200.5	TC	BLRCH109A130B24
10.7	11.7	13.7	30.4	12.9	14.0	16.4	36.5	214.8	TC	BLRCH117A140B24
12.0	13.1	15.4	34.1	14.4	15.7	18.4	40.9	240.9	TC	BLRCH131A157B24

Rated Voltage 380/400/415 V										
50 Hz				60 Hz				μF (X3)	Case Code	Reference Number
Q _N (kvar)			I _N (A)	Q _N (kvar)			I _N (A)			
380 V	400 V	415 V	at 400 V	380 V	400 V	415 V	at 400 V			
2.3	2.5	2.7	3.6	2.7	3.0	3.2	4.3	16.6	DC	BLRCH025A030B40
2.7	3.0	3.2	4.3	3.2	3.6	3.9	5.2	19.9	DC	BLRCH030A036B40
4.5	5.0	5.4	7.2	5.4	6.0	6.5	8.7	33.1	HC	BLRCH050A060B40
5.7	6.3	6.8	9.1	6.8	7.5	8.1	10.8	41.8	HC	BLRCH063A075B40
6.8	7.5	8.1	10.8	8.1	9.0	9.7	13.0	49.7	HC	BLRCH075A090B40
7.5	8.3	8.9	12.0	9.0	10.0	10.7	14.4	55.0	LC	BLRCH083A100B40
9.4	10.4	11.2	15.0	11.3	12.5	13.4	18.0	68.9	MC	BLRCH104A125B40
11.3	12.5	13.5	18.0	13.5	15.0	16.1	21.7	82.9	RC	BLRCH125A150B40
13.5	15.0	16.1	21.7	16.2	18.0	19.4	26.0	99.4	RC	BLRCH150A180B40
15.1	16.7	18.0	24.1	18.1	20.0	21.6	28.9	110.7	TC	BLRCH167A200B40
18.1	20.0	21.5	28.9	21.7	24.0	25.8	34.6	132.6	TC	BLRCH200A240B40
18.8	20.8	22.4	30.0	22.5	25.0	26.9	36.0	137.9	TC	BLRCH208A250B40
22.6	25.0	26.9	36.1	27.1	30.0	32.3	43.3	165.7	TC	BLRCH250A300B40
27.1	30.0	32.3	43.3	32.5	36.0	38.8	52.0	198.9	VC	BLRCH300A360B40
30.1	33.3	35.8	48.1	36.1	40.0	43.0	57.7	220.7	VC	BLRCH333A400B40
36.1	40.0	43.1	57.7	43.3	48.0	51.7	69.3	265.2	YC	BLRCH400A480B40
37.6	41.7	44.9	60.2	45.2	50.0	53.9	72.2	276.4	YC	BLRCH417A500B40
45.1	50.0	53.8	72.2	---	---	---	---	331.4	YC	BLRCH500A000B40

Rated Voltage 440 V										
50 Hz				60 Hz				µF (X3)	Case Code	Reference Number
Q _N (kvar)			I _N (A)	Q _N (kvar)			I _N (A)			
400 V	415 V	440 V	at 440 V	400 V	415 V	440 V	at 440 V			
3.4	3.7	4.2	5.5	4.1	4.4	5.0	6.6	23.0	HC	BLRCH042A050B44
4.1	4.4	5.0	6.6	5.0	5.3	6.0	7.9	27.4	HC	BLRCH050A060B44
6.2	6.7	7.5	9.8	7.4	8.0	9.0	11.8	41.1	HC	BLRCH075A090B44
6.9	7.4	8.3	10.9	8.3	8.9	10.0	13.1	45.5	LC	BLRCH083A100B44
8.3	8.9	10.0	13.1	9.9	10.7	12.0	15.7	54.8	MC	BLRCH100A120B44
10.3	11.1	12.5	16.4	12.4	13.3	15.0	19.7	68.5	RC	BLRCH125A150B44
11.8	12.7	14.3	18.8	14.2	15.3	17.2	22.5	78.3	RC	BLRCH143A172B44
12.4	13.3	15.0	19.7	14.9	16.0	18.0	23.6	82.2	RC	BLRCH150A180B44
14.0	15.0	16.9	22.2	16.8	18.0	20.0	26.6	92.6	TC	BLRCH169A203B44
15.0	16.2	18.2	23.9	18.0	19.4	21.8	28.7	99.7	TC	BLRCH182A218B44
16.5	17.8	20.0	26.2	19.8	21.4	24.0	31.5	109.6	TC	BLRCH200A240B44
17.2	18.5	20.8	27.3	20.7	22.2	25.0	32.8	114.1	TC	BLRCH208A250B44
20.7	22.2	25.0	32.8	24.8	26.7	30.0	39.4	137.0	TC	BLRCH250A300B44
23.6	25.4	28.5	37.4	28.3	30.4	34.2	44.9	156.1	VC	BLRCH285A342B44
25.0	27.0	30.3	39.8	---	---	---	---	166.0	VC	BLRCH303A000B44
26.0	28.0	31.5	41.3	31.2	33.6	37.8	49.6	172.6	VC	BLRCH315A378B44
27.7	29.8	33.5	44.0	33.2	35.8	40.0	52.7	183.5	VC	BLRCH335A401B44
33.1	35.6	40.0	52.5	39.7	42.7	48.0	63.0	219.1	XC	BLRCH400A480B44
34.5	37.1	41.7	54.7	41.4	44.5	50.0	65.6	228.7	YC	BLRCH417A500B44
41.3	44.5	50.0	65.6	49.6	53.4	---	---	273.9	YC	BLRCH500A000B44
47.2	50.8	57.1	74.9	56.6	61.0	---	---	312.8	YC	BLRCH571A000B44

VarPlus Can

3 Phase Capacitors

Rated Voltage 480 V										
50 Hz				60 Hz				μF (X3)	Case Code	Reference Number
Q_N (kvar)				Q_N (kvar)						
400 V	415 V	480 V	I_N (A) at 480 V	400 V	440 V	480 V	I_N (A) at 480 V			
2.9	3.1	4.2	5.1	3.5	4.2	5.0	6.1	19.3	DC	BLRCH042A050B48
3.5	3.7	5.0	6.0	4.2	5.0	6.0	7.2	23.0	HC	BLRCH050A060B48
5.2	5.6	7.5	9.0	6.3	7.6	9.0	10.8	34.5	HC	BLRCH075A090B48
5.8	6.2	8.3	10.0	6.9	8.4	10.0	12.0	38.2	LC	BLRCH083A100B48
6.1	6.6	8.8	10.6	7.3	8.9	10.6	12.7	40.5	LC	BLRCH088A106B48
7.2	7.8	10.4	12.5	8.7	10.5	12.5	15.0	47.9	MC	BLRCH104A125B48
8.7	9.3	12.5	15.0	10.4	12.6	15.0	18.0	57.5	RC	BLRCH125A150B48
9.4	10.2	13.6	16.4	11.3	13.7	16.3	19.6	62.6	RC	BLRCH136A163B48
10.0	10.8	14.4	17.3	12.0	14.5	17.3	20.8	66.3	RC	BLRCH144A173B48
10.8	11.6	15.5	18.6	12.9	15.6	18.6	22.4	71.4	RC	BLRCH155A186B48
11.8	12.7	17.0	20.4	14.2	17.1	20.0	24.5	78.3	RC	BLRCH170A204B48
12.5	13.5	18.0	21.7	15.0	18.2	21.6	26.0	82.9	TC	BLRCH180A216B48
14.4	15.5	20.8	25.0	17.3	21.0	25.0	30.0	95.7	TC	BLRCH208A250B48
15.8	17.0	22.7	27.3	18.9	22.9	27.2	32.8	104.5	TC	BLRCH227A272B48
17.4	18.7	25.0	30.1	20.8	25.2	30.0	43.3	115.2	TC	BLRCH250A300B48
17.9	19.3	25.8	31.0	21.5	26.0	31.0	37.2	118.8	TC	BLRCH258A310B48
20.0	21.5	28.8	34.6	24.0	29.0	34.6	41.6	132.6	VC	BLRCH288A346B48
21.9	23.5	31.5	37.9	26.3	31.8	37.8	45.5	145.0	VC	BLRCH315A378B48
23.1	24.9	33.3	40.1	27.8	33.6	40.0	57.7	153.4	XC	BLRCH333A400B48
23.5	25.3	33.9	40.8	28.3	34.2	40.7	48.9	156.1	XC	BLRCH339A407B48
28.9	31.2	41.7	50.1	34.7	42.0	50.0	72.2	192.1	YC	BLRCH417A500B48

Rated Voltage 525 V										
50 Hz				60 Hz				μF (X3)	Case Code	Reference Number
Q_N (kvar)				Q_N (kvar)						
415 V	480 V	525 V	I_N (A) at 525 V	400 V	480 V	525 V	I_N (A) at 525 V			
2.6	3.5	4.2	4.6	2.9	4.2	5.0	5.5	16.2	HC	BLRCH042A050B52
3.1	4.2	5.0	5.5	3.5	5.0	6.0	6.6	19.2	HC	BLRCH050A060B52
5.2	7.0	8.3	9.2	5.8	8.4	10.0	11.0	32.0	LC	BLRCH083A100B52
6.6	8.9	10.6	11.7	7.4	10.6	12.7	14.0	40.8	MC	BLRCH106A127B52
7.8	10.4	12.5	13.7	8.7	12.5	15.0	16.5	48.1	RC	BLRCH125A150B52
10.4	13.9	16.7	18.3	11.6	16.7	20.0	22.0	64.3	RC	BLRCH167A200B52
10.7	14.4	17.2	18.9	12.0	17.3	20.6	22.7	66.2	RC	BLRCH172A206B52
11.6	15.5	18.5	20.3	12.9	18.6	22.2	24.4	71.2	TC	BLRCH185A222B52
12.5	16.7	20.0	22.0	13.9	20.1	24.0	26.4	77.0	TC	BLRCH200A240B52
13.0	17.4	20.8	22.9	14.5	20.9	25.0	27.5	80.1	TC	BLRCH208A250B52
15.6	20.9	25.0	27.5	17.4	25.1	30.0	33.0	96.2	TC	BLRCH250A300B52
19.3	25.8	30.9	34.0	21.5	31.0	37.1	40.8	118.9	VC	BLRCH309A371B52
20.8	27.9	33.3	36.7	23.2	33.4	40.0	44.0	128.3	VC	BLRCH333A400B52
21.5	28.8	34.4	37.8	24.0	34.5	41.3	45.4	132.4	VC	BLRCH344A413B52
23.6	31.5	37.7	41.5	26.3	37.8	45.2	49.8	145.1	VC	BLRCH377A452B52
25.0	33.4	40.0	44.0	27.9	40.1	48.0	52.8	153.9	XC	BLRCH400A480B52
26.1	34.8	41.7	45.8	29.0	41.8	50.0	50.7	160.6	YC	BLRCH417A500B52

Rated Voltage 575 V										
50 Hz				60 Hz				μF (X3)	Case Code	Reference Number
Q_N (kvar)				Q_N (kvar)						
480 V	550 V	575 V	I_N (A) at 575 V	480 V	550 V	575 V	I_N (A) at 575 V			
8.4	11.0	12.0	12.0	9.3	13.2	14.4	14.5	38.5	RC	BLRCH120A144B57
10.5	13.7	15.0	15.1	11.7	16.5	18.0	18.1	48.1	TC	BLRCH150A180B57
20.3	26.7	29.2	29.3	22.7	32.0	35.0	35.1	93.6	VC	BLRCH292A350B57

Rated Voltage 600 V										
50 Hz				60 Hz				μF (X3)	Case Code	Reference Number
Q_N (kvar)				Q_N (kvar)						
480 V	550 V	600 V	I_N (A) at 600 V	480 V	550 V	600 V	I_N (A) at 600 V			
2.7	3.5	4.2	4.6	3.2	4.2	5.0	4.8	12.4	LC	BLRCH042A050B60
8.0	10.5	12.5	11.7	9.6	12.6	15.0	14.4	36.8	TC	BLRCH125A150B60
13.3	17.5	20.8	14.8	16.0	21.0	25.0	24.0	61.3	VC	BLRCH208A250B60

Rated Voltage 690 V										
50 Hz				60 Hz				μF (X3)	Case Code	Reference Number
Q_N (kvar)				Q_N (kvar)						
480 V	600 V	690 V	I_N (A) at 690 V	480 V	600 V	690 V	I_N (A) at 690 V			
5.4	8.4	11.1	9.3	6.4	10.1	13.3	11.1	24.7	RC	BLRCH111A133B69
6.0	9.5	12.5	10.5	7.3	11.3	15.0	12.6	27.8	RC	BLRCH125A150B69
6.7	10.4	13.8	11.5	8.0	12.5	16.5	13.8	30.6	TC	BLRCH138A165B69
7.3	11.3	15.0	12.6	8.7	13.6	18.0	15.1	33.4	TC	BLRCH150A180B69
9.7	15.1	20.0	16.7	11.6	18.1	24.0	20.1	44.6	TC	BLRCH200A240B69
12.1	18.9	25.0	20.9	14.5	22.7	30.0	25.1	55.7	VC	BLRCH250A300B69
13.3	20.9	27.6	23.1	16.0	25.0	33.1	27.7	61.4	VC	BLRCH276A331B69
14.5	22.7	30.0	25.1	17.4	27.2	36.0	30.1	66.8	VC	BLRCH300A360B69

Rated Voltage 830 V										
50 Hz				60 Hz				μF (X3)	Case Code	Reference Number
Q_N (kvar)				Q_N (kvar)						
600 V	690 V	830 V	I_N (A) at 830 V	600 V	690 V	830 V	I_N (A) at 830 V			
8.9	11.8	17.1	11.9	10.7	14.2	20.5	14.3	79.2	VC	BLRCH171A205B83

VarPlus Can harmonic applications

3 Phase Applications

VarPlus Can capacitors are designed for applications where higher number of non-linear loads are present. Higher current carrying capacity in VarPlus Can allows the operations in stringent conditions.

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 VarPlus Can capacitors is given in the table below, for different values of network service voltage and relative impedance.

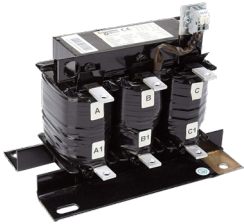
Capacitor Rated Voltage U_N (V)		Network Service Voltage U_s (V)				
		50 Hz		60 Hz		
		400	690	400	480	600
Relative Impedance (%)	5.7					
	7	480	830	480	575	690
	14	480	-	480	-	-

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



VarPlus Can + Detuned Reactor + Contactor + MCCB

PEB0154_L2B_r_eps



EasyCan03.coppy_eps



LC1D2BDC.JPG



PEB110417_eps



Network 400 V, 50 Hz Capacitor Voltage 480 V 5.7 % / 7 % Detuned Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	5.7% fr = 215Hz	7% fr = 190Hz	Switching: Contactor Ref.	Protection: Compact NSX 36 kA at 380/415 V
			D R Ref.	D R Ref.		
6.5	8.8	BLRCH088A106B48 × 1	LVR05065A40T × 1	LVR07065A40T × 1	LC1D12 × 1	LV429637 × 1
12.5	17	BLRCH170A204B48 × 1	LVR05125A40T × 1	LVR07125A40T × 1	LC1D18 × 1	LV429636 × 1
25	33.9	BLRCH339A407B48 × 1	LVR05250A40T × 1	LVR07250A40T × 1	LC1D38 × 1	LV429633 × 1
50	67.9	BLRCH339A407B48 × 2	LVR05500A40T × 1	LVR07500A40T × 1	LC1D95 × 1	LV429630 × 1
100	136	BLRCH339A407B48 × 4	LVR05X00A40T × 1	LVR07X00A40T × 1	LC1F185 × 1	LV431631 × 1

Network 400 V, 50 Hz Capacitor Voltage 480 V 14 % Detuned Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	14% fr = 135Hz		Switching: Contactor Ref.	Protection: Compact NSX 36 kA at 380/415 V
			D R Ref.			
6.5	8.8	BLRCH088A106B48 × 1	LVR14065A40T × 1		LC1D12 × 1	LV429637 × 1
12.5	15.5	BLRCH155A186B48 × 1	LVR14125A40T × 1		LC1D18 × 1	LV429636 × 1
25	31.5	BLRCH315A378B48 × 1	LVR14250A40T × 1		LC1D38 × 1	LV429633 × 1
50	63	BLRCH315A378B48 × 2	LVR14500A40T × 1		LC1D95 × 1	LV429630 × 1
100	126	BLRCH315A378B48 × 4	LVR14X00A40T × 1		LC1F185 × 1	LV431631 × 1

Network 400 V, 50 Hz Capacitor Voltage 525 V 5.7 % / 7 % Detuned Filter						
Effective Power (kvar)	Q _N at 525 V	Capacitor Ref.	5.7% fr = 215Hz	7% fr = 190Hz	Switching: Contactor Ref.	Protection: Compact NSX 36 kA at 380/415 V
			D R Ref.	D R Ref.		
6.5	10.6	BLRCH106A127B52 × 1	LVR05065A40T × 1	LVR07065A40T × 1	LC1D12 × 1	LV429637 × 1
12.5	20	BLRCH200A240B52 × 1	LVR05125A40T × 1	LVR07125A40T × 1	LC1D18 × 1	LV429636 × 1
25	40	BLRCH400A480B52 × 1	LVR05250A40T × 1	LVR07250A40T × 1	LC1D38 × 1	LV429633 × 1
50	80	BLRCH400A480B52 × 2	LVR05500A40T × 1	LVR07500A40T × 1	LC1D95 × 1	LV429630 × 1
100	160	BLRCH400A480B52 × 4	LVR05X00A40T × 1	LVR07X00A40T × 1	LC1F185 × 1	LV431631 × 1

Network 400 V, 50 Hz Capacitor Voltage 525 V 14 % Detuned Filter						
Effective Power (kvar)	Q _N at 525 V	Capacitor Ref.	14% fr = 135Hz		Switching: Contactor Ref.	Protection: Compact NSX 36 kA at 380/415 V
			D R Ref.			
6.5	10.6	BLRCH106A127B52 × 1	LVR14065A40T × 1		LC1D12 × 1	LV429637 × 1
12.5	18.5	BLRCH185A222B52 × 1	LVR14125A40T × 1		LC1D18 × 1	LV429636 × 1
25	37.7	BLRCH377A452B52 × 1	LVR14250A40T × 1		LC1D38 × 1	LV429633 × 1
50	75	BLRCH377A452B52 × 2	LVR14500A40T × 1		LC1D95 × 1	LV429630 × 1
100	150	BLRCH377A452B52 × 4	LVR14X00A40T × 1		LC1F185 × 1	LV431631 × 1

Network 690 V, 50 Hz Capacitor Voltage 830 V 5.7 % / 7 % Detuned Filter						
Effective Power (kvar)	Q _N at 830 V	Capacitor Ref.	5.7% fr = 215Hz	7% fr = 190Hz	Switching: Contactor Ref.	Protection: Compact NSX 36 kA at 380/415 V
			D R Ref.	D R Ref.		
12.5	17.1	BLRCH171A205B83 × 1	LVR05125A69T × 1	LVR07125A69T × 1	LC1D12 × 1	LV429637 × 1
25	34.2	BLRCH171A205B83 × 2	LVR05250A69T × 1	LVR07250A69T × 1	LC1D25 × 1	LV429635 × 1
50	68.4	BLRCH171A205B83 × 4	LVR05500A69T × 1	LVR07500A69T × 1	LC1D50 × 1	LV429632 × 1
100	136.8	BLRCH171A205B83 × 8	LVR05X00A69T × 1	LVR07X00A69T × 1	LC1F185 × 1	LV430631 × 1

VarPlus Can + Detuned Reactor + Contactor + MCCB



Network 400 V, 60 Hz Capacitor Voltage 480 V 5.7 % / 7 % Detuned Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	5.7% fr = 250Hz	7% fr = 230Hz	Switching: Contactor Ref.	Protection: Compact NSX 36 kA at 380/415 V
			D R Ref.	D R Ref.		
12.5	17.3	BLRCH144A173B48 × 1	LVR05125B40T × 1	LVR07125B40T × 1	LC1D18 × 1	LV429636 × 1
25	34.6	BLRCH288A346B48 × 1	LVR05250B40T × 1	LVR07250B40T × 1	LC1D38 × 1	LV429633 × 1
50	67.9	BLRCH288A346B48 × 2	LVR05500B40T × 1	LVR07500B40T × 1	LC1D95 × 1	LV429630 × 1
100	135.8	BLRCH288A346B48 × 4	LVR05X00B40T × 1	LVR07X00B40T × 1	LC1F185 × 1	LV431631 × 1

Network 400 V, 60 Hz Capacitor Voltage 480 V 14 % Detuned Filter						
Effective Power (kvar)	Q _N at 480 V	Capacitor Ref.	14% fr = 160Hz		Switching: Contactor Ref.	Protection: Compact NSX 36 kA at 380/415 V
			D R Ref.			
12.5	16.3	BLRCH136A163B48 × 1	LVR14125B40T × 1		LC1D18 × 1	LV429636 × 1
25	31	BLRCH258A310B48 × 1	LVR14250B40T × 1		LC1D38 × 1	LV429633 × 1
50	62	BLRCH258A310B48 × 2	LVR14500B40T × 1		LC1D95 × 1	LV429630 × 1
100	124	BLRCH258A310B48 × 4	LVR14X00B40T × 1		LC1F185 × 1	LV431631 × 1

Network 480 V, 60 Hz Capacitor Voltage 575 V 5.7 % Detuned Filter						
Effective Power (kvar)	Q _N at 575 V	Capacitor Ref.	5.7% fr = 250Hz		Switching: Contactor Ref.	Protection: Compact NSX 36 kA at 380/415 V
			D R Ref.			
12.5	18	BLRCH150A180B57 × 1	LVR05125B48T × 1		LC1D12 × 1	LV429636 × 1
25	35	BLRCH292A350B57 × 1	LVR05250B48T × 1		LC1D38 × 1	LV429633 × 1
50	70	BLRCH292A350B57 × 2	LVR05500B48T × 1		LC1D65 × 1	LV429631 × 1
100	140	BLRCH292A350B57 × 4	LVR05X00B48T × 1		LC1F185 × 1	LV431631 × 1

Network 600 V, 60 Hz Capacitor Voltage 690 V 5.7 % Detuned Filter						
Effective Power (kvar)	Q _N at 690 V	Capacitor Ref.	5.7% fr = 250Hz		Switching: Contactor Ref.	Protection: Compact NSX 36 kA at 380/415 V
			R Ref.			
12.5	16.5	BLRCH138A165B69 × 1	LVR05125B60T × 1		LC1D12 × 1	LV429636 × 1
25	33.1	BLRCH276A331B69 × 1	LVR05250B60T × 1		LC1D25 × 1	LV429634 × 1
50	66.2	BLRCH276A331B69 × 2	LVR05500B60T × 1		LC1D65	LV429631 × 1
100	132.4	BLRCH276A331B69 × 4	LVR05X00B60T × 1		LC1F185 × 1	LV430630 × 1