

Reactive Energy Management

Low Voltage Capacitors

Complete reference of power ratings and application tables for 50 Hz networks

April 2011



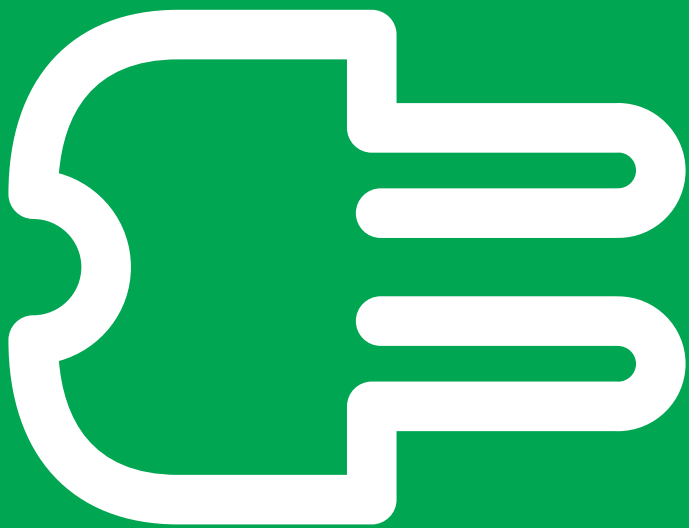
Increase in
Power
Availability



Enhanced
safety



Improve your
Business
Performance



Make the most of your energy!

Schneider Electric Capacitors

Being a global specialist in Energy Management, Schneider Electric provides you the highest energy efficient, safest and most reliable Power Factor Correction solutions for your power distribution.

Contents

Product Overview	1
VarplusCan 2 - 8	
•Range Overview & Technical Particulars	2
•VarplusCan SDuty - Complete reference List	3
•VarplusCan HDuty - Complete reference List	4
•VarplusCan Energy - Complete reference List	6
•VarplusCan Dimension Details	7
VarplusBox 9 - 17	
•Range Overview & Technical Particulars	9
•VarplusBox SDuty - Complete reference List	10
•VarplusBox HDuty - Complete reference List	11
•VarplusBox Energy - Complete reference List	13
•VarplusBox Dimension Details	14
Harmonic Application Tables 18 - 21	
•Capacitor Selection Table with Detuned Reactor	18

Product Overview

This document gives you the complete reference lists of LV Capacitors along with the Power ratings at different service voltages.

For more detailed descriptions, specification and other details please refer Low Voltage components Catalogue April 2011.

Schneider Electric Power Factor Correction LV Capacitors

VarplusCan

VarplusCan SDuty



$I_{\text{continuous}} = 1.5 \text{ IN}$
Life Exp. = 100,000 Hrs

VarplusBox

VarplusBox SDuty



$I_{\text{continuous}} = 1.5 \text{ IN}$
Life Exp. = 100,000 Hrs

VarplusCan HDuty



$I_{\text{continuous}} = 1.8 \text{ IN}$
Life Exp. = 130,000 Hrs

VarplusBox HDuty



$I_{\text{continuous}} = 1.8 \text{ IN}$
Life Exp. = 130,000 Hrs

VarplusCan Energy



$I_{\text{continuous}} = 2.5 \text{ IN}$
Life Exp. = 160,000 Hrs

VarplusBox Energy



$I_{\text{continuous}} = 2.5 \text{ IN}$
Life Exp. = 160,000 Hrs

Aluminum can capacitors specially designed and engineered to deliver a long working life with low losses in standard, heavy-duty and severe operating conditions. Suitable for Fixed and Automatic PFC, real time compensation, detuned and tuned filters..



VarplusCan



Main features

- Easy installation & maintenance
- Optimized design for low weight, compactness and reliability to ensure easy installation.
- Unique termination system that allows maintained tightening.
- 1 point for mounting and earthing.
- Vertical and horizontal position in case of Heavy Duty.

Safety

- Self-healing.
- Pressure-sensitive disconnecter on all three phases.
- Discharge resistors fitted.
- Finger-proof CLAMPTITE terminals to reduce risk of accidental contact and to ensure firm termination (10 to 30 kvar).
- Special film resistivity and metallization profile for higher thermal efficiency, lower temperature rise and enhanced life expectancy.

Compacity

- Optimized geometric design (small dimensions and low weight).

Features

- High life expectancy up to 160,000 hours
- Very high overload capabilities and good thermal and mechanical properties.
- Economic benefits due to its compact size.
- Easy maintenance.
- Unique finger proof termination to ensure tightening.

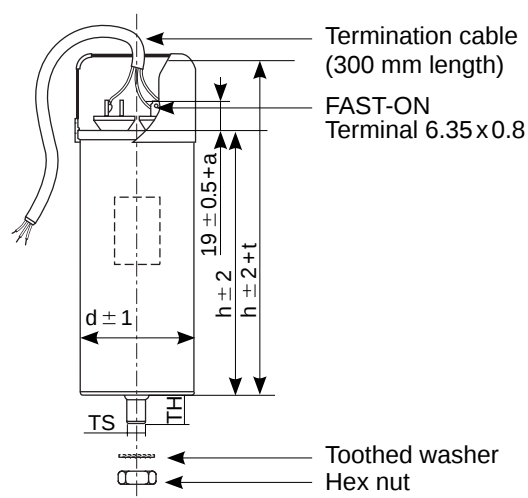
	SDuty	HDuty	Energy
Construction	Extruded aluminium can		
Voltage range	230 V - 525 V	230 V - 830 V	400 V - 525 V
Power range (three-phase)	1 - 30 kvar	5 - 50 kvar	5 -15 kvar
Peak inrush current	Up to 200 x I _N	Up to 250 x I _N	Up to 350 x I _N
Overvoltage	1.1 x U _N As per IEC 60831- 1/2		
Overcurrent	1.5 x I _N	1.8 x I _N	2.5 x I _N
Mean life expectancy	Up to 100,000 h	Up to 130,000 h	Up to 160,000 h
Safety	Self-healing + pressure-sensitive disconnecter + discharge device (50V/1min)		
Dielectric	MPP film with Zn/Al alloy	MPP film with Zn/Al alloy with Wave cut & slope metallization	Double metallized paper + Polypropylene film
Impregnation	Non-PCB, Biodegradable soft resin	Non-PCB, Biodegradable sticky resin (dry)	Non-PCB, oil
Ambient temperature	-25°C to max 55°C		-25°C to 70°C
Protection	IP20		
Mounting	1 - point mounting upright	1 - point mounting upright, horizontal	1 - point mounting upright
Terminals	• Double fast-on + cable (≤ 10 kvar) • CLAMPTITE - Three-phase terminal with electric shock • STUD TYPE for more than 30 kvar		

Supply Voltage Rated Voltage	230	240	260	380	400	415	440	480	525	575	600	690	830	Rated Current (A)	Capacitance (3*mf)	Case Code	Reference Number
240/260V	1.9	2.1	2.5											5.5	38.7	HC	BLRCS021A025B24
	2.5	2.7	3.2											7.1	46.0	DC	BLRCS027A033B24
	3.9	4.2	4.9											10.9	77.3	HC	BLRCS042A050B24
	5.0	5.4	6.4											14.0	92.1	LC	BLRCS054A065B24
	5.8	6.3	7.4											16.4	116	NC	BLRCS063A075B24
	7.5	8.2	9.6											21.3	138	NC	BLRCS083A100B24
	10.0	10.9	12.8											28.4	153	SC	BLRCS109A130B24
400/415V	0.3	0.3	0.3	0.7	0.8	0.9								1.2	5.3	EC	BLRCS008A010B40
	0.3	0.4	0.4	0.9	1.0	1.1								1.4	6.6	EC	BLRCS010A012B40
	0.6	0.6	0.7	1.5	1.7	1.8								2.5	11.3	DC	BLRCS017A020B40
	0.7	0.7	0.8	1.8	2.0	2.2								2.9	13.3	DC	BLRCS020A024B40
	0.8	0.9	1.1	2.3	2.5	2.7								3.6	16.6	DC	BLRCS025A030B40
	1.0	1.1	1.3	2.7	3.0	3.2								4.3	19.9	DC	BLRCS030A036B40
	1.1	1.2	1.4	3.0	3.3	3.6								4.8	21.9	DC	BLRCS033A040B40
	1.3	1.4	1.7	3.6	4.0	4.3								5.8	26.5	DC	BLRCS040A048B40
	1.4	1.5	1.8	3.8	4.2	4.5								6.1	27.8	DC	BLRCS042A050B40
	1.7	1.8	2.1	4.5	5.0	5.4								7.2	33.1	HC	BLRCS050A060B40
	2.1	2.3	2.7	5.7	6.3	6.8								9.1	41.8	HC	BLRCS063A075B40
	2.5	2.7	3.2	6.8	7.5	8.1								10.8	49.7	HC	BLRCS075A090B40
	2.7	3.0	3.5	7.5	8.3	8.9								12.0	55.0	LC	BLRCS083A100B40
	3.4	3.7	4.4	9.4	10.4	11.2								15.0	68.9	MC	BLRCS104A125B40
	4.1	4.5	5.3	11.3	12.5	13.5								18.0	82.9	NC	BLRCS125A150B40
	5.0	5.4	6.3	13.5	15.0	16.1								21.7	99.4	NC	BLRCS150A180B40
	5.5	6.0	7.1	15.1	16.7	18.0								24.1	111	SC	BLRCS167A200B40
	6.6	7.2	8.5	18.1	20.0	21.5								28.9	133	SC	BLRCS200A240B40
	6.9	7.5	8.8	18.8	20.8	22.4								30.0	138	SC	BLRCS208A250B40
	8.3	9.0	10.6	22.6	25.0	26.9								36.1	166	SC	BLRCS250A300B40
440V	0.3	0.3	0.3	0.7	0.8	0.9	1.0							1.3	5.5	EC	BLRCS010A012B44
	0.5	0.6	0.7	1.5	1.7	1.8	2.0							2.6	11.0	FC	BLRCS020A024B44
	0.8	0.9	1.0	2.2	2.5	2.7	3.0							3.9	16.4	DC	BLRCS030A036B44
	1.1	1.2	1.4	3.0	3.3	3.6	4.0							5.2	21.9	DC	BLRCS040A048B44
	1.4	1.5	1.7	3.7	4.1	4.4	5.0							6.6	27.4	DC	BLRCS050A060B44
	2.0	2.2	2.6	5.6	6.2	6.7	7.5							9.8	41.1	HC	BLRCS075A090B44
	2.7	3.0	3.5	7.5	8.3	8.9	10.0							13.1	54.8	LC	BLRCS100A120B44
	3.1	3.3	3.9	8.4	9.3	10.0	11.2							14.7	61.4	NC	BLRCS112A134B44
	3.4	3.7	4.4	9.3	10.3	11.1	12.5							16.4	68.5	NC	BLRCS125A150B44
	3.9	4.3	5.0	10.7	11.8	12.7	14.3							18.8	78.3	NC	BLRCS143A172B44
	4.1	4.5	5.2	11.2	12.4	13.3	15.0							19.7	82.2	NC	BLRCS150A180B44
	4.6	5.0	5.9	12.6	14.0	15.0	16.9							22.2	92.6	SC	BLRCS169A203B44
	5.0	5.4	6.4	13.6	15.0	16.2	18.2							23.9	99.7	SC	BLRCS182A218B44
	5.5	6.0	7.0	14.9	16.5	17.8	20.0							26.2	110	SC	BLRCS200A240B44
	6.1	6.7	7.9	16.8	18.6	20.0	22.5							29.5	123	SC	BLRCS225A270B44
	6.8	7.4	8.7	18.6	20.7	22.2	25.0							32.8	137	SC	BLRCS250A300B44
	7.8	8.5	10.0	21.3	23.6	25.4	28.5							37.4	156	SC	BLRCS285A342B44
	8.3	9.0	10.6	22.6	25.0	27.0	30.3							39.8	166	SC	BLRCS303A364B44
480V	1.0	1.1	1.2	2.6	2.9	3.1	3.5	4.2						5.1	19.3	DC	BLRCS042A050B48
	1.5	1.7	2.0	4.2	4.7	5.0	5.6	6.7						8.1	30.8	HC	BLRCS067A080B48
	1.7	1.9	2.2	4.6	5.1	5.5	6.2	7.4						8.9	34.1	HC	BLRCS075A090B48
	2.0	2.2	2.6	5.5	6.1	6.6	7.4	8.8						10.6	40.5	LC	BLRCS088A106B48
	2.4	2.6	3.1	6.5	7.2	7.8	8.7	10.4						12.5	47.9	MC	BLRCS104A125B48
	2.6	2.8	3.3	7.1	7.8	8.4	9.5	11.3						13.6	52.0	MC	BLRCS113A136B48
	2.9	3.1	3.7	7.8	8.7	9.3	10.5	12.5						15.0	57.5	NC	BLRCS125A150B48
	3.1	3.4	4.0	8.5	9.4	10.2	11.4	13.6						16.4	62.6	NC	BLRCS136A163B48
	3.3	3.6	4.2	9.0	10.0	10.8	12.1	14.4						17.3	66.3	NC	BLRCS144A173B48
	3.6	3.9	4.5	9.7	10.8	11.6	13.0	15.5						18.6	71.4	NC	BLRCS155A186B48
	3.9	4.3	5.0	10.7	11.8	12.7	14.3	17.0						20.4	78.3	NC	BLRCS170A204B48
	4.8	5.2	6.1	13.0	14.4	15.5	17.5	20.8						25.0	95.7	SC	BLRCS208A250B48
	5.9	6.5	7.6	16.2	17.9	19.3	21.7	25.8						31.0	119	SC	BLRCS258A310B48
	6.6	7.2	8.5	18.1	20.0	21.5	24.2	28.8						34.6	133	VC	BLRCS288A346B48
	7.2	7.9	9.2	19.7	21.9	23.5	26.5	31.5						37.9	145	VC	BLRCS315A378B48
	7.8	8.5	9.9	21.2	23.5	25.3	28.5	33.9						40.8	156	XC	BLRCS339A407B48
525V	1.0	1.0	1.2	2.6	2.9	3.1	3.5	4.2	5.0					5.5	19.2	HC	BLRCS050A060B52
	1.5	1.7	2.0	4.2	4.6	5.0	5.6	6.7	8.0					8.8	30.8	HC	BLRCS080A096B52
	1.7	1.8	2.2	4.6	5.1	5.5	6.2	7.4	8.8					9.7	33.9	LC	BLRCS088A106B52
	2.0	2.2	2.6	5.6	6.2	6.6	7.4	8.9	10.6					11.7	40.8	MC	BLRCS106A127B52
	2.4	2.6	3.1	6.5	7.3	7.8	8.8	10.4	12.5					13.7	48.1	NC	BLRCS125A150B52
	2.6	2.8	3.3	7.1	7.8	8.4	9.5	11.3	13.5					14.8	51.9	NC	BLRCS135A162B52
	3.0	3.2	3.8	8.1	8.9	9.6	10.8	12.9	15.4					16.9	59.3	NC	BLRCS154A185B52
	3.3	3.6	4.2	9.0	10.0	10.7	12.1	14.4	17.2					18.9	66.2	NC	BLRCS172A206B52
	3.6	3.9	4.5	9.7	10.7	11.6	13.0	15.5	18.5					20.3	71.2	SC	BLRCS185A222B52
	3.8	4.2	4.9	10.5	11.6	12.5	14.0	16.7	20.0					22.0	77.0	SC	BLRCS200A240B52
	4.8	5.2	6.1	13.1	14.5	15.6	17.6	20.9	25.0					27.5	96.2	SC	BLRCS250A300B52
	5.3	5.7	6.7	14.4	16.0	17.2	19.3	23.0	27.5					30.2	106	SC	BLRCS275A330B52

Supply Voltage Rated Voltage	230	240	260	380	400	415	440	480	525	575	600	690	830	Rated Current (A)	Capacitance (3*mf)	Case Code	Reference Number
240/260V	1.9	2.1	2.5											5.5	38.7	HC	BLRCH021A025B24
	2.5	2.7	3.2											6.5	46.0	DC	BLRCH027A033B24
	3.9	4.2	4.9											10.9	77.3	HC	BLRCH042A050B24
	5.0	5.4	6.3											13.0	92.1	LC	BLRCH054A065B24
	5.8	6.3	7.4											16.4	116	RC	BLRCH063A075B24
	7.5	8.2	9.6											19.5	138	RC	BLRCH083A100B24
	10.0	10.9	12.8											21.6	153	TC	BLRCH109A130B24
	10.7	11.7	13.7											26.1	184	TC	BLRCH117A140B24
400/415V	12.0	13.1	15.4											30.4	215	TC	BLRCH131A157B24
	1.7	1.8	2.1	4.5	5.0	5.4								7.2	33.1	HC	BLRCH050A060B40
	2.1	2.3	2.7	5.7	6.3	6.8								9.1	41.8	HC	BLRCH063A075B40
	2.5	2.7	3.2	6.8	7.5	8.1								10.8	49.7	HC	BLRCH075A090B40
	2.7	3.0	3.5	7.5	8.3	8.9								12.0	55.0	LC	BLRCH083A100B40
	3.4	3.7	4.4	9.4	10.4	11.2								15.0	68.9	MC	BLRCH104A125B40
	4.1	4.5	5.3	11.3	12.5	13.5								18.0	82.9	RC	BLRCH125A150B40
	5.0	5.4	6.3	13.5	15.0	16.1								21.7	99.4	RC	BLRCH150A180B40
	5.5	6.0	7.1	15.1	16.7	18.0								24.1	111	TC	BLRCH167A200B40
	6.6	7.2	8.5	18.1	20.0	21.5								28.9	133	TC	BLRCH200A240B40
	6.9	7.5	8.8	18.8	20.8	22.4								30.0	138	TC	BLRCH208A250B40
	8.3	9.0	10.6	22.6	25.0	26.9								36.1	166	TC	BLRCH250A300B40
	9.9	10.8	12.7	27.1	30.0	32.3								43.3	199	VC	BLRCH300A360B40
	11.0	12.0	14.1	30.1	33.3	35.8								48.1	221	VC	BLRCH333A400B40
	13.2	14.4	16.9	36.1	40.0	43.1								57.7	265	YC	BLRCH400A480B40
	13.8	15.0	17.6	37.6	41.7	44.9								60.2	276	YC	BLRCH417A500B40
440V	16.5	18.0	21.1	45.1	50.0	53.8								72.2	331	YC	BLRCH500A000B40
	1.4	1.5	1.7	3.7	4.1	4.4	5.0							6.6	27.4	HC	BLRCH050A060B44
	2.0	2.2	2.6	5.6	6.2	6.7	7.5							9.8	41.1	HC	BLRCH075A090B44
	2.7	3.0	3.5	7.5	8.3	8.9	10.0							13.1	54.8	MC	BLRCH100A120B44
	3.1	3.3	3.9	8.4	9.3	10.0	11.2							14.7	61.4	RC	BLRCH112A134B44
	3.4	3.7	4.4	9.3	10.3	11.1	12.5							16.4	68.5	RC	BLRCH125A150B44
	3.9	4.3	5.0	10.7	11.8	12.7	14.3							18.8	78.3	RC	BLRCH143A172B44
	4.1	4.5	5.2	11.2	12.4	13.3	15.0							19.7	82.2	RC	BLRCH150A180B44
	4.6	5.0	5.9	12.6	14.0	15.0	16.9							22.2	92.6	TC	BLRCH169A203B44
	5.0	5.4	6.4	13.6	15.0	16.2	18.2							23.9	99.7	TC	BLRCH182A218B44
	5.5	6.0	7.0	14.9	16.5	17.8	20.0							26.2	110	TC	BLRCH200A240B44
	6.1	6.7	7.9	16.8	18.6	20.0	22.5							29.5	123	TC	BLRCH225A270B44
	6.5	7.1	8.3	17.8	19.7	21.2	23.8							31.2	130	TC	BLRCH238A286B44
	6.8	7.4	8.7	18.6	20.7	22.2	25.0							32.8	137	TC	BLRCH250A300B44
	7.8	8.5	10.0	21.3	23.6	25.4	28.5							37.4	156	VC	BLRCH285A342B44
	8.3	9.0	10.6	22.6	25.0	27.0	30.3							39.8	166	VC	BLRCH303A000B44
480V	10.9	11.9	14.0	29.8	33.1	35.6	40.0							52.5	219	XC	BLRCH400A480B44
	13.7	14.9	17.5	37.3	41.3	44.5	50.0							65.6	274	YC	BLRCH500A000B44
	15.6	17.0	19.9	42.6	47.2	50.8	57.1							74.9	313	YC	BLRCH571A000B44
	0.6	0.6	0.7	1.6	1.7	1.9	2.1	2.5						3.0	11.5	DC	BLRCH025A030B48
	1.0	1.1	1.2	2.6	2.9	3.1	3.5	4.2						5.1	19.3	DC	BLRCH042A050B48
	1.1	1.3	1.5	3.1	3.5	3.7	4.2	5.0						6.0	23.0	HC	BLRCH050A060B48
	1.5	1.7	2.0	4.2	4.7	5.0	5.6	6.7						8.1	30.8	HC	BLRCH067A080B48
	1.7	1.9	2.2	4.7	5.2	5.6	6.3	7.5						9.0	34.5	HC	BLRCH075A090B48
	2.0	2.2	2.6	5.5	6.1	6.6	7.4	8.8						10.6	40.5	LC	BLRCH088A106B48
	2.4	2.6	3.1	6.5	7.2	7.8	8.7	10.4						12.5	47.9	MC	BLRCH104A125B48
	2.6	2.8	3.3	7.1	7.8	8.4	9.5	11.3						13.6	52.0	MC	BLRCH113A136B48
	2.9	3.1	3.7	7.8	8.7	9.3	10.5	12.5						15.0	57.5	RC	BLRCH125A150B48
	3.1	3.4	4.0	8.5	9.4	10.2	11.4	13.6						16.4	62.6	RC	BLRCH136A163B48
	3.3	3.6	4.2	9.0	10.0	10.8	12.1	14.4						17.3	66.3	RC	BLRCH144A173B48
	3.6	3.9	4.5	9.7	10.8	11.6	13.0	15.5						18.6	71.4	RC	BLRCH155A186B48
	3.9	4.3	5.0	10.7	11.8	12.7	14.3	17.0						20.4	78.3	RC	BLRCH170A204B48
	4.1	4.5	5.3	11.3	12.5	13.5	15.1	18.0						21.7	82.9	TC	BLRCH180A216B48
	4.8	5.2	6.1	13.0	14.4	15.5	17.5	20.8						25.0	95.7	TC	BLRCH208A250B48
	5.9	6.5	7.6	16.2	17.9	19.3	21.7	25.8						31.0	119	TC	BLRCH258A310B48
	6.6	7.2	8.5	18.1	20.0	21.5	24.2	28.8						34.6	133	VC	BLRCH288A346B48
	7.2	7.9	9.2	19.7	21.9	23.5	26.5	31.5						37.9	145	VC	BLRCH315A378B48
	7.8	8.5	9.9	21.2	23.5	25.3	28.5	33.9						40.8	156	XC	BLRCH339A407B48

Supply Voltage Rated Voltage	230	240	260	380	400	415	440	480	525	575	600	690	830	Rated Current (A)	Capacitance (3*mf)	Case Code	Reference Number
525V	1.0	1.0	1.2	2.6	2.9	3.1	3.5	4.2	5.0					5.5	19.2	HC	BLRCH050A060B52
	1.5	1.7	2.0	4.2	4.6	5.0	5.6	6.7	8.0					8.8	30.8	HC	BLRCH080A096B52
	1.7	1.8	2.2	4.6	5.1	5.5	6.2	7.4	8.8					9.7	33.9	LC	BLRCH088A106B52
	2.0	2.2	2.6	5.6	6.2	6.6	7.4	8.9	10.6					11.7	40.8	MC	BLRCH106A127B52
	2.4	2.6	3.1	6.5	7.3	7.8	8.8	10.4	12.5					13.7	48.1	RC	BLRCH125A150B52
	2.6	2.8	3.3	7.1	7.8	8.4	9.5	11.3	13.5					14.8	51.9	RC	BLRCH135A162B52
	3.0	3.2	3.8	8.1	8.9	9.6	10.8	12.9	15.4					16.9	59.3	RC	BLRCH154A185B52
	3.3	3.6	4.2	9.0	10.0	10.7	12.1	14.4	17.2					18.9	66.2	RC	BLRCH172A206B52
	3.6	3.9	4.5	9.7	10.7	11.6	13.0	15.5	18.5					20.3	71.2	TC	BLRCH185A222B52
	3.8	4.2	4.9	10.5	11.6	12.5	14.0	16.7	20.0					22.0	77.0	TC	BLRCH200A240B52
	4.8	5.2	6.1	13.1	14.5	15.6	17.6	20.9	25.0					27.5	96.2	TC	BLRCH250A300B52
	5.9	6.5	7.6	16.2	17.9	19.3	21.7	25.8	30.9					34.0	119	VC	BLRCH309A371B52
	6.6	7.2	8.4	18.0	20.0	21.5	24.2	28.8	34.4					37.8	132	VC	BLRCH344A413B52
	7.2	7.9	9.2	19.8	21.9	23.6	26.5	31.5	37.7					41.5	145	VC	BLRCH377A452B52
575V	7.7	8.4	9.8	21.0	23.2	25.0	28.1	33.4	40.0					44.0	154	XC	BLRCH400A480B52
	1.0	1.0	1.2	2.6	2.9	3.1	3.5	4.2	5.0	6.0				6.0	19.2	MC	BLRCH060A072B57
	1.9	2.1	2.5	5.2	5.8	6.3	7.0	8.4	10.0	12.0				12.0	38.5	TC	BLRCH120A144B57
	2.4	2.6	3.1	6.6	7.3	7.8	8.8	10.5	12.5	15.0				15.1	48.1	VC	BLRCH150A180B57
600V	4.7	5.1	6.0	12.7	14.1	15.2	17.1	20.3	24.3	29.2				29.3	93.6	VC	BLRCH292A350B57
	0.6	0.7	0.8	1.7	1.9	2.0	2.3	2.7	3.2	3.9	4.2			4.0	12.4	HC	BLRCH042A050B60
	1.2	1.3	1.6	3.3	3.7	4.0	4.5	5.3	6.4	7.6	8.3			8.0	24.5	RC	BLRCH083A100B60
	1.5	1.7	2.0	4.2	4.6	5.0	5.6	6.7	8.0	9.6	10.4			10.0	30.6	TC	BLRCH104A125B60
	1.8	2.0	2.3	5.0	5.6	6.0	6.7	8.0	9.6	11.5	12.5			12.0	36.8	TC	BLRCH125A150B60
	2.5	2.7	3.1	6.7	7.4	8.0	9.0	10.7	12.8	15.3	16.7			16.1	49.2	VC	BLRCH167A200B60
	3.1	3.3	3.9	8.3	9.2	10.0	11.2	13.3	15.9	19.1	20.8			20.0	61.3	VC	BLRCH208A250B60
	3.7	4.0	4.7	10.0	11.1	12.0	13.4	16.0	19.1	23.0	25.0			24.1	73.7	XC	BLRCH250A300B60
690V	4.9	5.3	6.3	13.4	14.8	15.9	17.9	21.3	25.5	30.6	33.3			32.0	98.1	YC	BLRCH333A400B60
	6.1	6.7	7.8	16.7	18.5	19.9	22.4	26.7	31.9	38.3	41.7			40.1	123	YC	BLRCH417A500B60
	0.6	0.7	0.8	1.7	1.8	2.0	2.2	2.7	3.2	3.8	4.2	5.5		4.6	12.3	MC	BLRCH055A066B69
	1.1	1.2	1.4	3.0	3.4	3.6	4.1	4.8	5.8	6.9	7.6	10.0		8.4	22.3	RC	BLRCH100A120B69
	1.2	1.3	1.6	3.4	3.7	4.0	4.5	5.4	6.4	7.7	8.4	11.1		9.3	24.7	RC	BLRCH111A133B69
	1.4	1.5	1.8	3.8	4.2	4.5	5.1	6.0	7.2	8.7	9.5	12.5		10.5	27.8	RC	BLRCH125A150B69
	1.5	1.7	2.0	4.2	4.6	5.0	5.6	6.7	8.0	9.5	10.4	13.8		11.5	30.6	TC	BLRCH138A165B69
	1.7	1.8	2.1	4.5	5.0	5.4	6.1	7.3	8.7	10.4	11.3	15.0		12.6	33.4	TC	BLRCH150A180B69
	2.2	2.4	2.8	6.1	6.7	7.2	8.1	9.7	11.6	13.9	15.1	20.0		16.7	44.6	TC	BLRCH200A240B69
	2.8	3.0	3.5	7.6	8.4	9.0	10.2	12.1	14.5	17.4	18.9	25.0		20.9	55.7	VC	BLRCH250A300B69
	3.1	3.3	3.9	8.4	9.3	10.0	11.2	13.3	16.0	19.2	20.9	27.6		23.1	61.4	VC	BLRCH276A331B69
	3.3	3.6	4.3	9.1	10.1	10.9	12.2	14.5	17.4	20.8	22.7	30.0		25.1	66.8	VC	BLRCH300A360B69
	4.4	4.8	5.7	12.1	13.4	14.5	16.3	19.4	23.2	27.8	30.2	40.0		33.5	89.1	YC	BLRCH400A480B69
	5.8	6.3	7.4	15.8	17.5	18.8	21.1	25.2	30.1	36.1	39.3	52.0		43.5	116	YC	BLRCH520A624B69
830V	1.3	1.4	1.7	3.6	4.0	4.3	4.8	5.7	6.8	8.2	8.9	11.8	17.1	11.9	26.3	VC	BLRCH171A205B83

Supply Voltage Rated Voltage	230	240	260	380	400	415	440	480	525	575	600	690	830	Rated Current (A)	Capacitance (3*mf)	Case Code	Reference Number
380/400/ 415 V	1.7	1.8	2.1	4.5	5.0	5.4								7.2	33.1	NC	BLRCE050A060B40
	2.1	2.3	2.7	5.7	6.3	6.8								9.1	41.8	NC	BLRCE063A075B40
	2.5	2.7	3.2	6.8	7.5	8.1								10.8	49.7	SC	BLRCE075A090B40
	2.7	3.0	3.5	7.5	8.3	8.9								12.0	55.0	SC	BLRCE083A100B40
	3.4	3.7	4.4	9.4	10.4	11.2								15.0	68.9	SC	BLRCE104A125B40
	4.1	4.5	5.3	11.3	12.5	13.5								18.0	82.9	UC	BLRCE125A150B40
440V	5.0	5.4	6.3	13.5	15.0	16.1								21.7	99.4	UC	BLRCE150A180B40
	1.4	1.5	1.7	3.7	4.1	4.4	5.0							6.6	27.4	NC	BLRCE050A060B44
	2.0	2.2	2.6	5.6	6.2	6.7	7.5							9.8	41.1	NC	BLRCE075A090B44
	2.7	3.0	3.5	7.5	8.3	8.9	10.0							13.1	54.8	SC	BLRCE100A120B44
	3.4	3.7	4.4	9.3	10.3	11.1	12.5							16.4	68.5	SC	BLRCE125A150B44
480V	4.1	4.5	5.2	11.2	12.4	13.3	15.0							19.7	82.2	UC	BLRCE150A180B44
	1.0	1.1	1.2	2.6	2.9	3.1	3.5	4.2						5.1	19.3	NC	BLRCE042A050B48
	1.5	1.7	2.0	4.2	4.7	5.0	5.6	6.7						8.1	30.8	NC	BLRCE067A080B48
	1.7	1.9	2.2	4.7	5.2	5.6	6.3	7.5						8.9	34.1	NC	BLRCE075A090B48
	2.0	2.2	2.6	5.5	6.1	6.6	7.4	8.8						10.6	40.5	SC	BLRCE088A106B48
	2.4	2.6	3.1	6.5	7.2	7.8	8.7	10.4						12.5	47.9	SC	BLRCE104A125B48
	2.6	2.8	3.3	7.1	7.8	8.4	9.5	11.3						13.6	52.0	SC	BLRCE113A136B48
	2.9	3.1	3.7	7.8	8.7	9.3	10.5	12.5						15.0	57.5	UC	BLRCE125A150B48
	3.1	3.4	4.0	8.5	9.4	10.2	11.4	13.6						16.4	62.6	UC	BLRCE136A163B48
	3.3	3.6	4.2	9.0	10.0	10.8	12.1	14.4						17.3	66.3	UC	BLRCE144A173B48
525V	3.6	3.9	4.5	9.7	10.8	11.6	13.0	15.5						18.6	71.4	UC	BLRCE155A186B48
	3.9	4.3	5.0	10.7	11.8	12.7	14.3	17.0						20.4	78.3	UC	BLRCE170A204B48
	1.0	1.0	1.2	2.6	2.9	3.1	3.5	4.2	5.0					5.5	19.2	NC	BLRCE050A060B52
	1.9	2.1	2.5	5.2	5.8	6.2	7.0	8.4	10.0					11.0	38.5	SC	BLRCE100A120B52
	2.4	2.6	3.1	6.5	7.3	7.8	8.8	10.4	12.5					13.7	48.1	UC	BLRCE125A150B52
	3.0	3.2	3.8	8.1	8.9	9.6	10.8	12.9	15.4					16.9	59.3	UC	BLRCE154A185B52



VarplusCan DC, EC, FC, HC & LC

Case Code: DC, HC & LC

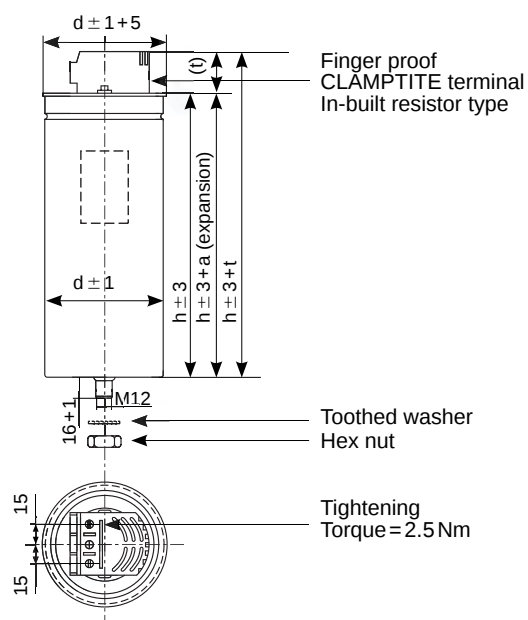
Creepage distance	16 mm
Clearance	16 mm
Expansion (a)	max.10mm

Mounting details (for M10/M12 mounting stud)

Torque	T = 10 Nm
Toothed washer	M10/M12
Hex nut	M10/M12
Terminal screw	M5
Terminal assembly Ht. (t)	50 mm

Size (d)	TS	TH
Ø 50	M10	10 mm
Ø 63	M12	13 mm
Ø 70	M12	16 mm

Case code	Diameter d (mm)	Height h (mm)	Height h+t (mm)	Weight (kg)
DC	50	195	245	0.7
EC	63	90	140	0.5
FC	63	115	165	0.6
HC	63	195	245	0.9
LC	70	195	245	1.1



VarplusCan MC, NC, RC & SC

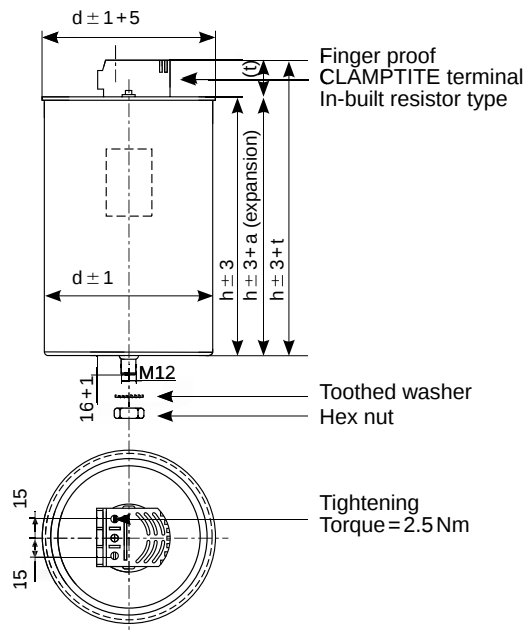
Case Code: RC & SC

Creepage distance	13 mm
Clearance	13 mm
Expansion (a)	max.12mm

Mounting details (for M10/M12 mounting stud)

Torque	T = 10 Nm
Toothed washer	J12.5 DIN 6797
Hex nut	BM12 DIN 439
Terminal screw	M5
Terminal assembly Ht. (t)	30 mm

Case code	Diameter d (mm)	Height h (mm)	Height h+t (mm)	Weight (kg)
RC	90	212	242	1.6
SC	90	278	308	2.3



VarplusCan TC, UC & VC

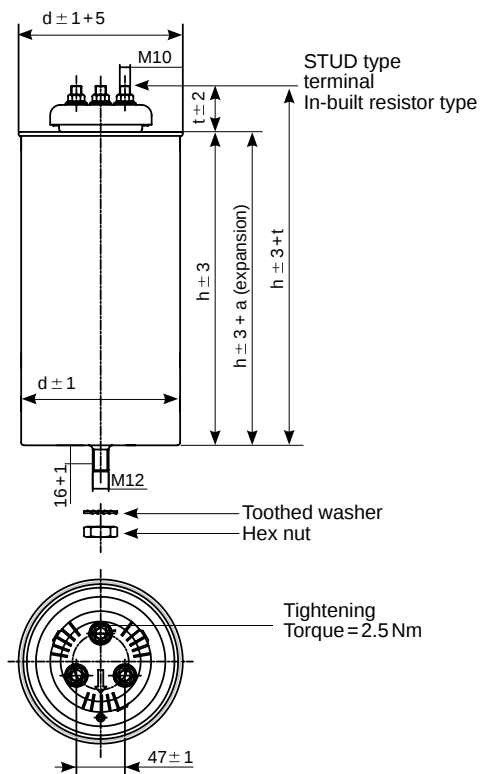
Case Code: TC, UC & VC

Creepage distance	13 mm
Clearance	13 mm
Expansion (a)	max.12mm

Mounting details (for M10/M12 mounting stud)

Torque	T = 10 Nm
Toothed washer	J12.5 DIN 6797
Hex nut	BM12 DIN 439
Terminal screw	M5
Terminal assembly Ht. (t)	30 mm

Case code	Diameter d (mm)	Height h (mm)	Height h+t (mm)	Weight (kg)
TC	116	212	242	2.5
UC	116	278	308	3.5
VC	136	212	242	3.2



VarplusCan XC & YC

Case Code: XC & YC

Creepage distance	60 mm
Clearance	34 mm
Expansion (a)	max.12mm

Mounting details (for M10/M12 mounting stud)

Torque	T = 10 Nm
Toothed washer	J12.5 DIN 6797
Hex nut	BM12 DIN 439
Terminal screw	M10
Terminal assembly Ht. (t)	43 mm

Case code	Diameter d (mm)	Height h (mm)	Height h+t (mm)	Weight (kg)
XC	116	278	321	4.1
YC	136	278	321	5.3

VarplusBox capacitors deliver reliable performance in the most severe application conditions, in Fixed & Automatic PFC systems, in networks with frequently switched loads and harmonic disturbances.



VarplusBox



Robustness

- Double metallic protection.
- Mechanically well suited for “stand-alone” installations.

Safety

- Its unique safety feature electrically disconnects the capacitors safely at the end of their useful life.
- The disconnectors are installed on each phase, which makes the capacitors very safe, in addition to the protective steel enclosure.

Flexibility

- These capacitors can be easily mounted inside panels or in a stand-alone configuration.
- Suitable for flexible bank configuration.
- Unique foot print upto 20 kvar (VarplusBox HDuty Compact)

Features

- Metal box enclosure.
- High power ratings up to 100 kvar.
- Easy repair and maintenance.
- Up to 70°C temperature.
- High continuous current withstand up to $2.5 \times I_N$.
- Stand-alone PFC equipment.
- Direct connection to a machine, in harsh environmental conditions.

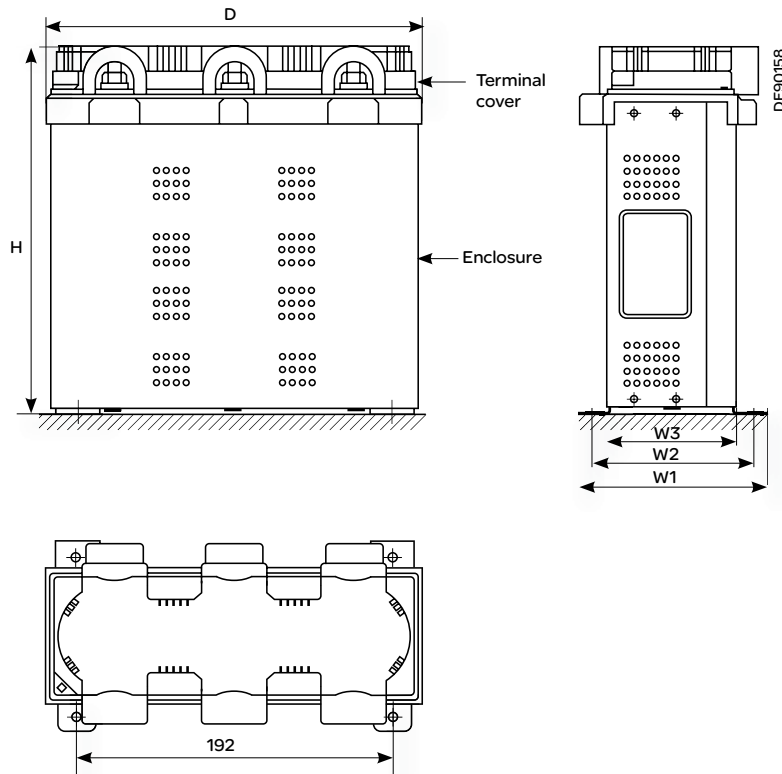
	SDuty	HDuty	Energy
Construction	Steel sheet enclosure		
Voltage range	400 V - 480 V	230 V - 830 V	400 V - 525 V
Power range (three-phase)	5 - 100 kvar		
Peak inrush current	Up to $200 \times I_N$	Up to $250 \times I_N$	Up to $350 \times I_N$
Overvoltage	$1.1 \times U_N$ As per IEC 60831- 1/2		
Overcurrent	$1.5 \times I_N$	$1.8 \times I_N$	$2.5 \times I_N$
Mean life expectancy	Up to 100,000 h	Up to 130,000 h	Up to 160,000 h
Safety	Self-healing + pressure-sensitive disconnector + discharge device (50V/1min)		
Dielectric	MPP film with Zn/Al alloy	MPP film with Zn/Al alloy with wave cut & slope metallization	Double metallized paper + Polypropylene film
Impregnation	Non-PCB, Biodegradable soft resin	Non-PCB, Biodegradable sticky resin (dry)	Non-PCB, oil
Ambient temperature	-25°C to max 55°C/Class D		-25°C to 70°C
Protection	IP20 (IP54 for VarplusBox compact)		
Mounting	Upright	Upright, Horizontal	Upright
Terminals	Terminals designed for large cable termination and direct busbar mounting for banking		

Supply Voltage Rated Voltage	230	240	380	400	415	440	480	525	575	600	690	830	Rated Current (A)	Capaci- tance (3*mf)	Case Code	Reference Number
400/415V	2.1	2.3	5.7	6.3	6.8								9.1	41.8	EB	BLRBS063A075B40
	2.5	2.7	6.8	7.5	8.1								10.8	49.7	EB	BLRBS075A090B40
	2.7	3.0	7.5	8.3	8.9								12.0	55.0	EB	BLRBS083A100B40
	3.4	3.7	9.4	10.4	11.2								15.0	68.9	EB	BLRBS104A125B40
	4.1	4.5	11.3	12.5	13.5								18.0	82.9	DB	BLRBS125A150B40
	5.0	5.4	13.5	15.0	16.1								21.7	99.4	DB	BLRBS150A180B40
	5.5	6.0	15.1	16.7	18.0								24.1	111	DB	BLRBS167A200B40
	6.9	7.5	18.8	20.8	22.4								30.0	138	DB	BLRBS208A250B40
	8.3	9.0	22.6	25.0	26.9								36.1	166	HB	BLRBS250A300B40
	13.8	15.0	37.6	41.7	44.9								60.2	276	HB	BLRBS417A500B40
	16.5	18.0	45.1	50.0	53.8								72.2	331	HB	BLRBS500A000B40
	20.7	22.5	56.4	62.5	67.3								90.2	414	RB	BLRBS625A750B40
	24.8	27.0	67.7	75.0	80.7								108	497	RB	BLRBS750A900B40
	27.5	30.0	75.2	83.3	89.7								120	552	SB	BLRBS833AX00B40
	33.1	36.0	90.3	100	108								144	663	SB	BLRBSX00AX20B40
440V	2.0	2.2	5.6	6.2	6.7	7.5							9.8	41.1	EB	BLRBS075A090B44
	2.7	3.0	7.5	8.3	8.9	10.0							13.1	54.8	EB	BLRBS100A120B44
	3.4	3.7	9.3	10.3	11.1	12.5							16.4	68.5	EB	BLRBS125A150B44
	4.1	4.5	11.2	12.4	13.3	15.0							19.7	82.2	DB	BLRBS150A180B44
	5.5	6.0	14.9	16.5	17.8	20.0							26.2	110	DB	BLRBS200A240B44
	6.8	7.4	18.6	20.7	22.2	25.0							32.8	137	DB	BLRBS250A300B44
	13.7	14.9	37.3	41.3	44.5	50.0							65.6	274	HB	BLRBS500A000B44
	20.5	22.3	55.9	62.0	66.7	75.0							98.4	411	RB	BLRBS750A900B44
480V	27.3	29.8	74.6	82.6	89.0	100							131	548	SB	BLRBSX00AX20B44
	1.4	1.6	3.9	4.4	4.7	5.3	6.3						7.6	29.0	EB	BLRBS063A075B48
	1.9	2.1	5.2	5.8	6.2	7.0	8.3						10.0	38.2	EB	BLRBS083A100B48
	2.4	2.6	6.5	7.2	7.8	8.7	10.4						12.5	47.9	EB	BLRBS104A125B48
	2.9	3.1	7.8	8.7	9.3	10.5	12.5						15.0	57.5	DB	BLRBS125A150B48
	3.9	4.3	10.7	11.8	12.7	14.3	17.0						20.4	78.3	DB	BLRBS170A204B48
	4.8	5.2	13.0	14.4	15.5	17.5	20.8						25.0	95.7	DB	BLRBS208A250B48
	9.6	10.4	26.1	29.0	31.2	35.0	41.7						50.2	192	HB	BLRBS417A500B48
	14.4	15.6	39.2	43.4	46.7	52.5	62.5						75.2	288	RB	BLRBS625A750B48
	19.1	20.8	52.2	57.8	62.3	70.0	83.3						100	384	SB	BLRBS833AX00B48

Supply Rated Voltage	230	240	380	400	415	440	480	525	575	600	690	830	Rated Current (A)	Capaci- tance (3*mf)	Case Code	Reference Number
240/ 260V	2.5	2.7											7.1	50.1	AB	BLRBH027A033B24
	5.0	5.4											14.2	100	AB	BLRBH054A065B24
	6.5	7.1											18.4	130	AB	BLRBH071A080B24
	7.6	8.3											21.6	150	AB	BLRBH083A100B24
	10.0	10.9											28.4	200	AB	BLRBH109A130B24
400/415V	0.8	0.9	2.3	2.5	2.7								3.6	16.6	AB	BLRBH025A030B40
	1.7	1.8	4.5	5.0	5.4								7.2	33.1	AB	BLRBH050A060B40
	2.1	2.3	5.7	6.3	6.8								9.1	41.8	AB	BLRBH063A075B40
	2.5	2.7	6.8	7.5	8.1								10.8	49.7	AB	BLRBH075A090B40
	2.7	3.0	7.5	8.3	8.9								12.0	55.0	AB	BLRBH083A100B40
	3.4	3.7	9.4	10.4	11.2								15.0	68.9	AB	BLRBH104A125B40
	4.1	4.5	11.3	12.5	13.5								18.0	82.9	AB	BLRBH125A150B40
	5.0	5.4	13.5	15.0	16.1								21.7	99.4	AB	BLRBH150A180B40
	5.5	6.0	15.1	16.7	18.0								24.1	111	AB	BLRBH167A200B40
	6.6	7.2	18.1	20.0	21.5								28.9	133	AB	BLRBH200A240B40
	6.9	7.5	18.8	20.8	22.4								30.0	138	GB	BLRBH208A250B40
	8.3	9.0	22.6	25.0	26.9								36.1	166	IB	BLRBH250A300B40
	13.8	15.0	37.6	41.7	44.9								60.2	276	IB	BLRBH417A500B40
	16.5	18.0	45.1	50.0	53.8								72.2	331	IB	BLRBH500A000B40
	20.7	22.5	56.4	62.5	67.3								90.2	414	KB	BLRBH625A750B40
	24.8	27.0	67.7	75.0	80.7								108	497	KB	BLRBH750A900B40
	27.5	30.0	75.2	83.3	89.7								120	552	LB	BLRBH833AX00B40
	33.1	36.0	90.3	100	108								144	663	LB	BLRBH00AX20B40
	1.4	1.5	3.7	4.1	4.4	5.0							6.6	27.4	AB	BLRBH050A060B44
	2.0	2.2	5.6	6.2	6.7	7.5							9.8	41.1	AB	BLRBH075A090B44
440V	2.7	3.0	7.5	8.3	8.9	10.0							13.1	54.8	AB	BLRBH100A120B44
	3.4	3.7	9.3	10.3	11.1	12.5							16.4	68.5	AB	BLRBH125A150B44
	4.1	4.5	11.2	12.4	13.3	15.0							19.7	82.2	AB	BLRBH150A180B44
	5.5	6.0	14.9	16.5	17.8	20.0							26.2	110	AB	BLRBH200A240B44
	6.8	7.4	18.6	20.7	22.2	25.0							32.8	137	GB	BLRBH250A300B44
	13.7	14.9	37.3	41.3	44.5	50.0							65.6	274	IB	BLRBH500A000B44
	15.6	17.0	42.6	47.2	50.8	57.1							74.9	313	IB	BLRBH571A000B44
	20.5	22.3	55.9	62.0	66.7	75.0							98.4	411	KB	BLRBH750A900B44
	27.3	29.8	74.6	82.6	89.0	100							131	548	LB	BLRBH00AX20B44
	1.0	1.1	2.6	2.9	3.1	3.5	4.2						5.1	19.3	AB	BLRBH042A050B48
	1.5	1.7	4.2	4.7	5.0	5.6	6.7						8.1	30.8	AB	BLRBH067A080B48
	1.7	1.9	4.7	5.2	5.6	6.3	7.5						9.0	34.5	AB	BLRBH075A090B48
	1.9	2.1	5.2	5.8	6.2	7.0	8.3						10.0	38.2	AB	BLRBH083A100B48
	2.0	2.2	5.5	6.1	6.6	7.4	8.8						10.6	40.5	AB	BLRBH088A106B48
	2.4	2.6	6.5	7.2	7.8	8.7	10.4						12.5	47.9	AB	BLRBH104A125B48
	2.6	2.8	7.1	7.8	8.4	9.5	11.3						13.6	52.0	AB	BLRBH113A136B48
	2.9	3.1	7.8	8.7	9.3	10.5	12.5						15.0	57.5	AB	BLRBH125A150B48
	3.1	3.4	8.5	9.4	10.2	11.4	13.6						16.4	62.6	AB	BLRBH136A163B48
	3.3	3.6	9.0	10.0	10.8	12.1	14.4						17.3	66.3	AB	BLRBH144A173B48
	3.6	3.9	9.7	10.8	11.6	13.0	15.5						18.6	71.4	AB	BLRBH155A186B48
480V	3.9	4.3	10.8	11.9	12.9	14.5	17.2						20.7	79.2	AB	BLRBH172A206B48
	4.4	4.8	12.0	13.3	14.4	16.1	19.2						23.1	88.4	AB	BLRBH192A230B48
	4.8	5.2	13.0	14.4	15.5	17.5	20.8						25.0	95.7	GB	BLRBH208A250B48
	5.0	5.4	13.5	15.0	16.1	18.2	21.6						26.0	99.4	AB	BLRBH216A000B48
	5.2	5.7	14.2	15.8	17.0	19.1	22.7						27.3	104	AB	BLRBH227A000B48
	5.9	6.5	16.2	17.9	19.3	21.7	25.8						31.0	119	IB	BLRBH258A310B48
	6.6	7.2	18.1	20.0	21.5	24.2	28.8						34.6	133	IB	BLRBH288A346B48
	7.2	7.9	19.7	21.9	23.5	26.5	31.5						37.9	145	IB	BLRBH315A378B48
	7.8	8.5	21.2	23.5	25.3	28.5	33.9						40.8	156	IB	BLRBH339A407B48
	9.6	10.4	26.1	29.0	31.2	35.0	41.7						50.2	192	IB	BLRBH417A500B48
	11.8	12.9	32.3	35.8	38.6	43.4	51.6						62.1	238	IB	BLRBH516A619B48
	13.0	14.2	35.5	39.3	42.3	47.6	56.6						68.1	261	IB	BLRBH566A679B48
	14.2	15.5	38.8	43.0	46.3	52.0	61.9						74.5	285	IB	BLRBH619A000B48
	14.4	15.6	39.2	43.4	46.7	52.5	62.5						75.2	288	KB	BLRBH625A750B48
	19.1	20.8	52.2	57.8	62.3	70.0	83.3						100	383	LB	BLRBH833AX00B48
	1.0	1.0	2.6	2.9	3.1	3.5	4.2	5.0					5.5	19.2	AB	BLRBH050A060B52
	1.4	1.6	3.9	4.4	4.7	5.3	6.3	7.5					8.2	28.9	AB	BLRBH075A090B52
	1.9	2.1	5.2	5.8	6.2	7.0	8.4	10.0					11.0	38.5	AB	BLRBH100A120B52
	2.4	2.6	6.5	7.3	7.8	8.8	10.4	12.5					13.7	48.1	AB	BLRBH125A150B52
	2.9	3.1	7.9	8.7	9.4	10.5	12.5	15.0					16.5	64.3	AB	BLRBH167A200B52
525V	3.8	4.2	10.5	11.6	12.5	14.0	16.7	20.0					22.0	77.0	AB	BLRBH200A240B52
	4.8	5.2	13.1	14.5	15.6	17.6	20.9	25.0					27.5	96.2	GB	BLRBH250A300B52
	9.6	10.4	26.2	29.0	31.2	35.1	41.8	50.0					55.0	192	IB	BLRBH500A600B52
	14.4	15.7	39.3	43.5	46.9	52.7	62.7	75.0					82.5	289	KB	BLRBH750A900B52
	19.2	20.9	52.4	58.0	62.5	70.2	83.6	100					110	385	LB	BLRBH00AX20B52

Supply Voltage Rated Voltage	230	240	380	400	415	440	480	525	575	600	690	830	Rated Current (A)	Capaci- tance (3*mf)	Case Code	Reference Number
575V	1.0	1.0	2.6	2.9	3.1	3.5	4.2	5.0	6.0				6.0	19.2	AB	BLRBH060A072B57
	1.9	2.1	5.2	5.8	6.3	7.0	8.4	10.0	12.0				12.0	38.5	AB	BLRBH120A144B57
	2.4	2.6	6.6	7.3	7.8	8.8	10.5	12.5	15.0				15.1	48.1	AB	BLRBH150A180B57
	3.2	3.5	8.7	9.7	10.4	11.7	13.9	16.7	20.0				20.1	64.2	GB	BLRBH200A240B57
	4.8	5.2	13.1	14.5	15.6	17.6	20.9	25.0	30.0				30.1	96.2	GB	BLRBH300A360B57
600V	0.6	0.7	1.7	1.9	2.0	2.3	2.7	3.2	3.9	4.2			4.0	12.4	AB	BLRBH042A050B60
	1.2	1.3	3.3	3.7	4.0	4.5	5.3	6.4	7.6	8.3			8.0	24.5	AB	BLRBH083A100B60
	1.5	1.7	4.2	4.6	5.0	5.6	6.7	8.0	9.6	10.4			10.0	30.6	AB	BLRBH104A125B60
	1.8	2.0	5.0	5.6	6.0	6.7	8.0	9.6	11.5	12.5			12.0	36.8	AB	BLRBH125A150B60
	2.5	2.7	6.7	7.4	8.0	9.0	10.7	12.8	15.3	16.7			16.1	49.2	GB	BLRBH167A200B60
	3.1	3.3	8.3	9.2	10.0	11.2	13.3	15.9	19.1	20.8			20.0	61.3	GB	BLRBH208A250B60
	6.1	6.7	16.7	18.5	19.9	22.4	26.7	31.9	38.3	41.7			24.1	123	JB	BLRBH417A500B60
	9.2	10.0	25.1	27.8	29.9	33.6	40.0	47.9	57.4	62.5			32.0	184	KB	BLRBH625A750B60
	12.2	13.3	33.4	37.0	39.9	44.8	53.3	63.8	76.5	83.3			40.1	245	LB	BLRBH833AX00B60
	0.6	0.7	1.7	1.8	2.0	2.2	2.7	3.2	3.8	4.2	5.5		4.6	12.3	AB	BLRBH055A066B69
690V	1.1	1.2	3.0	3.4	3.6	4.1	4.8	5.8	6.9	7.6	10.0		8.4	22.3	AB	BLRBH100A120B69
	1.2	1.3	3.4	3.7	4.0	4.5	5.4	6.4	7.7	8.4	11.1		9.3	24.7	AB	BLRBH111A133B69
	1.5	1.7	4.2	4.6	5.0	5.6	6.7	8.0	9.5	10.4	13.8		11.5	30.6	AB	BLRBH138A165B69
	1.7	1.8	4.5	5.0	5.4	6.1	7.3	8.7	10.4	11.3	15.0		12.6	33.4	AB	BLRBH150A180B69
	2.0	2.2	5.6	6.2	6.7	7.5	8.9	10.7	12.8	13.9	18.4		15.4	41.0	GB	BLRBH184A221B69
	2.8	3.0	7.6	8.4	9.0	10.2	12.1	14.5	17.4	18.9	25.0		20.9	44.6	GB	BLRBH200A240B69
	3.1	3.3	8.4	9.3	10.0	11.2	13.3	16.0	19.2	20.9	27.6		23.1	61.4	GB	BLRBH276A331B69
	5.6	6.0	15.2	16.8	18.1	20.3	24.2	28.9	34.7	37.8	50.0		41.8	111	JB	BLRBH500A600B69
	8.3	9.1	22.7	25.2	27.1	30.5	36.3	43.4	52.1	56.7	75.0		62.8	167	KB	BLRBH750A900B69
	11.1	12.1	30.3	33.6	36.2	40.7	48.4	57.9	69.4	75.6	100		83.7	223	LB	BLRBHX00AX20B69
830V	1.3	1.4	3.6	4.0	4.3	4.8	5.7	6.8	8.2	8.9	11.8	17.1	11.9	26.3	AB	BLRBH171A205B83
	2.6	2.9	7.1	7.9	8.5	9.6	11.4	13.6	16.4	17.8	23.6	34.1	23.7	52.5	GB	BLRBH341A409B83

Supply Voltage Rated Voltage	230	240	380	400	415	440	480	525	575	600	690	830	Rated Current (A)	Capacitance (3*mf)	Case Code	Reference Number
400/415V	2.1	2.3	5.7	6.3	6.8								9.1	41.8	DB	BLRBE063A075B40
	2.5	2.7	6.8	7.5	8.1								10.8	49.7	DB	BLRBE075A090B40
	2.7	3.0	7.5	8.3	8.9								12.0	55.0	DB	BLRBE083A100B40
	3.4	3.7	9.4	10.4	11.2								15.0	68.9	DB	BLRBE104A125B40
	4.1	4.5	11.3	12.5	13.5								18.0	82.9	GB	BLRBE125A150B40
	5.0	5.4	13.5	15.0	16.1								21.7	99.4	GB	BLRBE150A180B40
	5.5	6.0	15.1	16.7	18.0								24.1	111	GB	BLRBE167A200B40
	6.9	7.5	18.8	20.8	22.4								30.0	138	GB	BLRBE208A250B40
	8.3	9.0	22.6	25.0	26.9								36.1	166	IB	BLRBE250A300B40
	13.8	15.0	37.6	41.7	44.9								60.2	276	IB	BLRBE417A500B40
	16.5	18.0	45.1	50.0	53.8								72.2	331	IB	BLRBE500A600B40
	20.7	22.5	56.4	62.5	67.3								90.2	414	KB	BLRBE625A750B40
	24.8	27.0	67.7	75.0	80.7								108	497	KB	BLRBE750A900B40
	27.5	30.0	75.2	83.3	89.7								120	552	LB	BLRBE833AX00B40
	33.1	36.0	90.3	100	108								144	663	LB	BLRBEX00AX20B40
440V	2.0	2.2	5.6	6.2	6.7	7.5							9.8	41.1	DB	BLRBE075A090B44
	2.7	3.0	7.5	8.3	8.9	10.0							13.1	54.8	DB	BLRBE100A120B44
	3.4	3.7	9.3	10.3	11.1	12.5							16.4	68.5	DB	BLRBE125A150B44
	4.1	4.5	11.2	12.4	13.3	15.0							19.7	82.2	GB	BLRBE150A180B44
	5.5	6.0	14.9	16.5	17.8	20.0							26.2	110	GB	BLRBE200A240B44
	6.8	7.4	18.6	20.7	22.2	25.0							32.8	137	GB	BLRBE250A300B44
	13.7	14.9	37.3	41.3	44.5	50.0							65.6	274	IB	BLRBE500A600B44
	20.5	22.3	55.9	62.0	66.7	75.0							98.4	411	KB	BLRBE750A900B44
480V	27.3	29.8	74.6	82.6	89.0	100							131	548	LB	BLRBEX00AX20B44
	1.5	1.7	4.2	4.7	5.0	5.6	6.7						8.1	30.8	DB	BLRBE067A080B48
	1.7	1.9	4.7	5.2	5.6	6.3	7.5						9.0	34.5	DB	BLRBE075A090B48
	2.0	2.2	5.5	6.1	6.6	7.4	8.8						10.6	40.5	DB	BLRBE088A106B48
	2.4	2.6	6.5	7.2	7.8	8.7	10.4						12.5	47.9	DB	BLRBE104A125B48
	2.6	2.8	7.1	7.8	8.4	9.5	11.3						13.6	52.0	DB	BLRBE113A136B48
	2.9	3.1	7.8	8.7	9.3	10.5	12.5						15.0	57.5	FB	BLRBE125A150B48
	3.1	3.4	8.5	9.4	10.2	11.4	13.6						16.4	62.6	FB	BLRBE136A163B48
	3.3	3.6	9.0	10.0	10.8	12.1	14.4						17.3	66.3	FB	BLRBE144A173B48
	3.6	3.9	9.7	10.8	11.6	13.0	15.5						18.6	71.4	GB	BLRBE155A186B48
	3.9	4.3	10.7	11.8	12.7	14.3	17.0						20.4	78.3	GB	BLRBE170A204B48
	4.8	5.2	13.0	14.4	15.5	17.5	20.8						25.0	95.7	GB	BLRBE208A250B48
	5.9	6.5	16.2	17.9	19.3	21.7	25.8						31.0	119	IB	BLRBE258A310B48
	6.6	7.2	18.1	20.0	21.5	24.2	28.8						34.6	133	IB	BLRBE288A346B48
	7.2	7.9	19.7	21.9	23.5	26.5	31.5						37.9	145	IB	BLRBE315A378B48
	7.8	8.5	21.2	23.5	25.3	28.5	33.9						40.8	156	IB	BLRBE339A407B48
	9.6	10.4	26.1	29.0	31.2	35.0	41.7						50.2	192	IB	BLRBE417A500B48
	14.4	15.6	39.2	43.4	46.7	52.5	62.5						75.2	288	KB	BLRBE625A750B48
525V	19.1	20.8	52.2	57.8	62.3	70.0	83.3						100	384	LB	BLRBE833AX00B48
	1.4	1.6	3.9	4.4	4.7	5.3	6.3	7.5					8.2	28.9	DB	BLRBE075A090B52
	1.9	2.1	5.2	5.8	6.2	7.0	8.4	10.0					11.0	38.5	DB	BLRBE100A120B52
	2.4	2.6	6.5	7.3	7.8	8.8	10.4	12.5					13.7	48.1	FB	BLRBE125A150B52
	3.0	3.2	8.1	8.9	9.6	10.8	12.9	15.4					16.9	59.3	FB	BLRBE154A185B52
	3.8	4.2	10.5	11.6	12.5	14.0	16.7	20.0					22.0	77.0	GB	BLRBE200A240B52
	4.8	5.2	13.1	14.5	15.6	17.6	20.9	25.0					27.5	96.2	GB	BLRBE250A300B52
	9.6	10.4	26.2	29.0	31.2	35.1	41.8	50.0					55.0	192	IB	BLRBE500A600B52
	14.4	15.7	39.3	43.5	46.9	52.7	62.7	75.0					82.5	289	KB	BLRBE750A900B52
	19.2	20.9	52.4	58.0	62.5	70.2	83.6	100					110	385	LB	BLRBEX00AX20B52

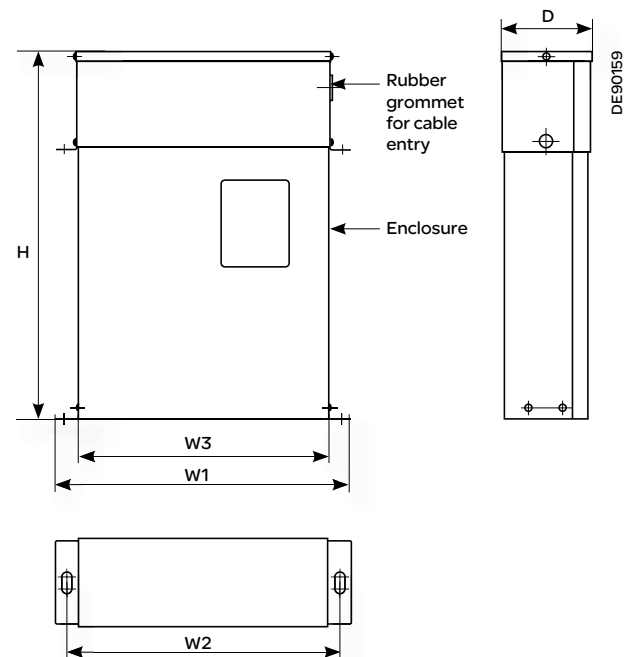


Case Code: AB

Creepage distance	30 mm
Clearance	
Phase to phase	25 mm (min.)
Phase to earth	19 mm (min.)

Mounting details: mounting screw M6, 2 Nos.

Case code	W1 (mm)	W2 (mm)	W3 (mm)	H (mm)	D (mm)	Weight (kg)
AB	114	97	76.5	229.5	225.5	3

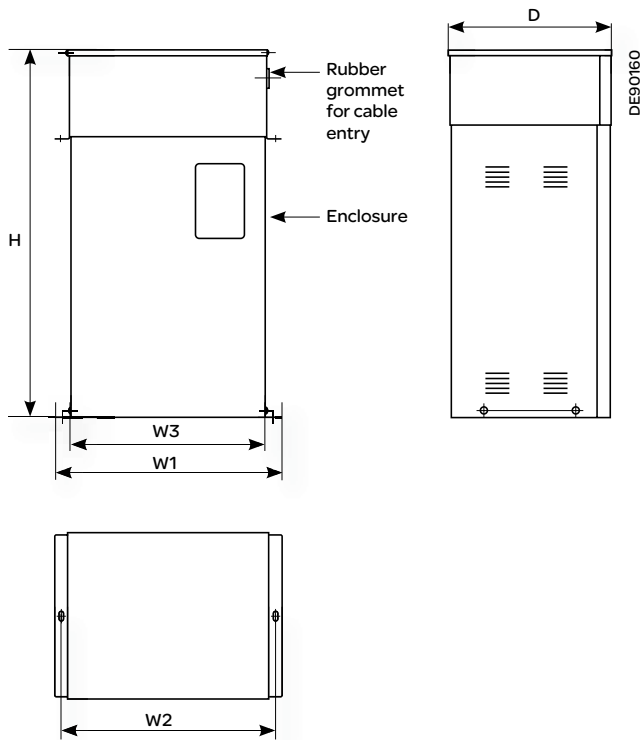


Case Code: DB, EB, FB, GB & HB

Creepage distance	30 mm
Clearance	
Phase to phase	25 mm (min.)
Phase to earth	19 mm (min.)

Mounting details: mounting screw M6, 2 Nos.

Case code	W1 (mm)	W2 (mm)	W3 (mm)	H (mm)	D (mm)	Weight (kg)
DB	263	243	213	355	97	4.8
EB	263	243	213	260	97	3.6
FB	309	289	259	355	97	5.4
GB	309	289	259	355	153	7.5
HB	309	289	259	455	153	8.0

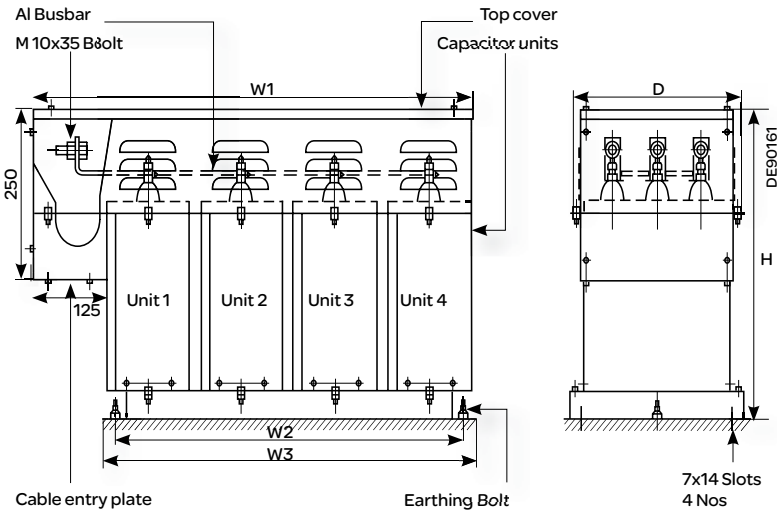


Case Code: IB

Creepage distance	30 mm
Clearance	
Phase to phase	25 mm (min.)
Phase to earth	19 mm (min.)

Mounting details: mounting screw M6, 2 Nos.

Case code	W1 (mm)	W2 (mm)	W3 (mm)	H (mm)	D (mm)	Weight (kg)
IB	309	289	259	497	224	10.0

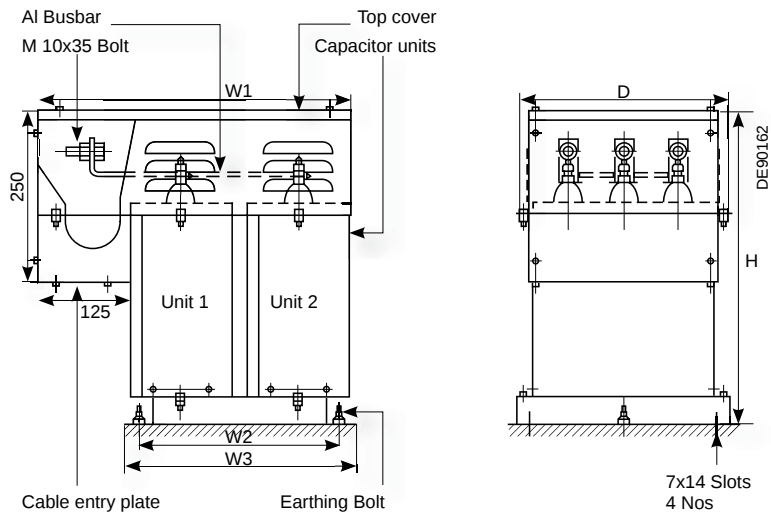


Case Code: LB & SB

Creepage distance	30 mm
Clearance	
Phase to phase	25 mm (min.)
Phase to earth	19 mm (min.)

Mounting details: mounting screw M6, 4 Nos.

Case code	W1 (mm)	W2 (mm)	W3 (mm)	H (mm)	D (mm)	Weight (kg)
LB	795	630	670	455	315	45
SB	545	390	430	455	315	32.4

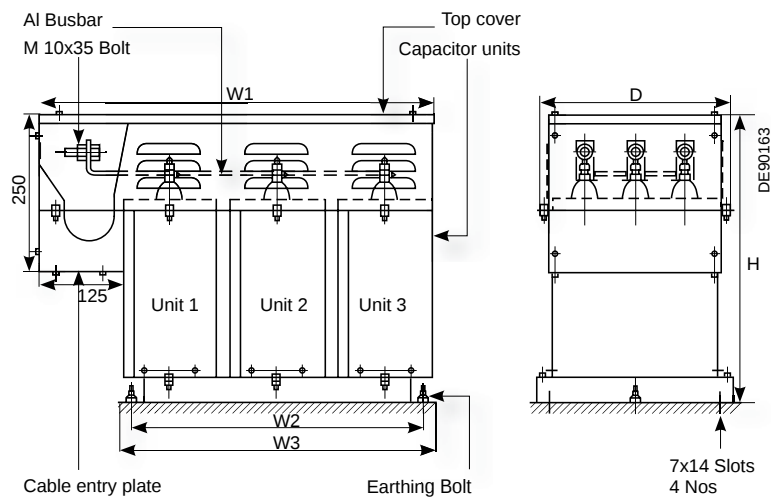


Case Code: JB

Creepage distance	30 mm
Clearance	
Phase to phase	25 mm (min.)
Phase to earth	19 mm (min.)

Mounting details: mounting screw M6, 2 Nos.

Case code	W1 (mm)	W2 (mm)	W3 (mm)	H (mm)	D (mm)	Weight (kg)
JB	455	290	330	455	315	22.5

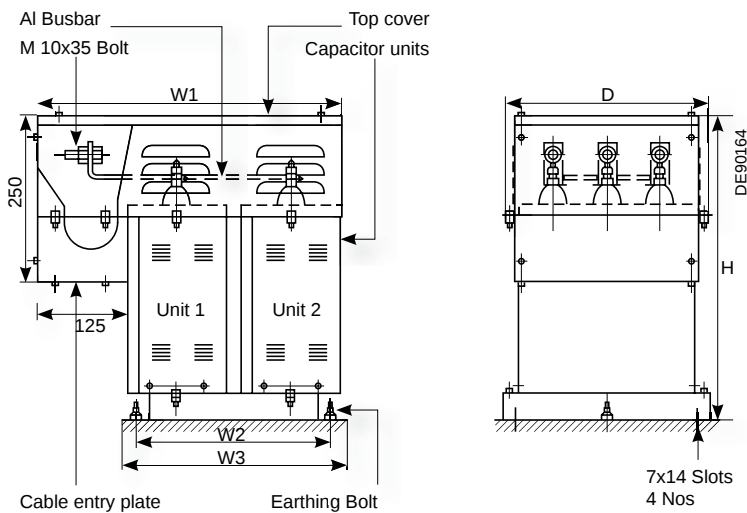


Case Code: KB & RB

Creepage distance	30 mm
Clearance	
Phase to phase	25 mm (min.)
Phase to earth	19 mm (min.)

Mounting details: mounting screw M6, 4 Nos.

Case code	W1 (mm)	W2 (mm)	W3 (mm)	H (mm)	D (mm)	Weight (kg)
KB	625	460	500	455	315	32
RB	435	280	320	455	315	24.3

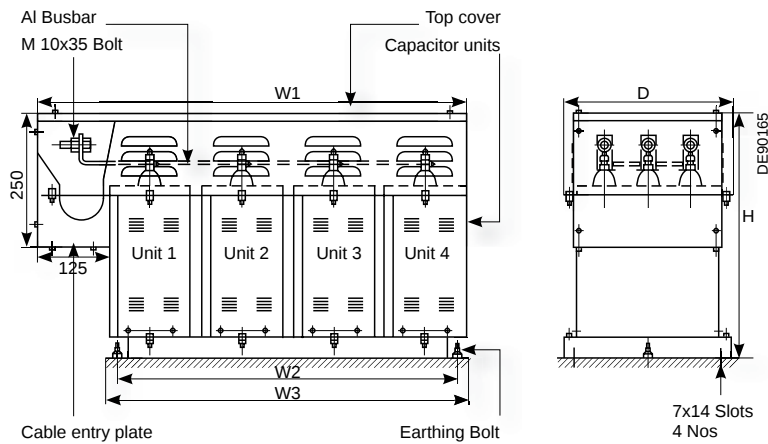


Case Code: OB

Creepage distance	30 mm
Clearance	
Phase to phase	25 mm (min.)
Phase to earth	19 mm (min.)

Mounting details: mounting screw M6, 2 Nos.

Case code	W1 (mm)	W2 (mm)	W3 (mm)	H (mm)	D (mm)	Weight (kg)
OB	595	430	470	625	315	30



Case Code: QB

Creepage distance	30 mm
Clearance	
Phase to phase	25 mm (min.)
Phase to earth	19 mm (min.)

Mounting details: mounting screw M6, 2 Nos.

Case code	W1 (mm)	W2 (mm)	W3 (mm)	H (mm)	D (mm)	Weight (kg)
QB	1080	920	960	625	315	60

Harmonic Application Tables

VarplusCan and VarplusBox Capacitors when used along with Detuned Reactors have to be selected with a rated voltage higher than network service voltage (U_s). In detuned filter applications, the voltage across the capacitor is higher than the network service voltage (U_s).

The recommended Rated voltage of the capacitor to be used in Detuned filter application with respect to different network service voltage (U_s) & relative impedance is given in the table below.

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

These values ensure a safe operation in the most stringent operating conditions. Less conservative values may be adopted, but a case by case analysis is necessary.



VarplusCan SDuty + Detuned Reactor + Contactor

Combination Table



Network 400V, 50Hz Capacitor Voltage 480V 5.7% / 7% Filter

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

Network 400V, 50Hz Capacitor Voltage 480V 14% Filter

Effective Power (kvar)	Q _N @ 480V	Capacitor Ref.	14% fr = 135Hz D.R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8.8	BLRCS088A106B48×1	51563 × 1	LC1-DFK11M7 × 1	LC1D12 × 1
12.5	15.5	BLRCS155A186B48×1	51564 × 1	LC1-DFK11M7 × 1	LC1D12 × 1
25	31.5	BLRCS315A378B48×1	51565 × 1	LC1-DLK11M7 × 1	LC1D25 × 1
50	63	BLRCS315A378B48×2	51566 × 1	LC1-DTK12M7 × 1	LC1D50 × 1
100	126	BLRCS315A378B48×4	51567 × 1	---	LC1D115 × 1

Network 400V, 50Hz Capacitor Voltage 525V 5.7% / 7% Filter

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

Network 400V, 50Hz Capacitor Voltage 525V 14% Filter

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

VarplusCan HDuty + Detuned Reactor + Contactor

Combination Table



Network 400V, 50Hz Capacitor Voltage 480V 5.7% / 7% Filter

Effective Power (kvar)	Q _N @ 480V	Capacitor Ref.	5.7% fr = 210Hz D.R Ref	7% fr = 190Hz D.R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8.8	BLRCH088A106B48 ×1	51573 ×1	51568 ×1	LC1-DFK11M7×1	LC1D12 × 1
12.5	17	BLRCH170A204B48 ×1	52404 ×1	52352 ×1	LC1-DFK11M7×1	LC1D12 × 1
25	33.9	BLRCH339A407B48 ×1	52405 ×1	52353 ×1	LC1-DMK11M7×1	LC1D32 × 1
50	67.9	BLRCH339A407B48 ×2	52406 ×1	52354 ×1	LC1-DWK12M7×1	LC1D80 × 1
100	136	BLRCH339A407B48 ×4	52407 ×1	51569 ×1	---	LC1D115 × 1

Network 400V, 50Hz Capacitor Voltage 480V 14% Filter

Effective Power (kvar)	Q _N @ 480V	Capacitor Ref.	14% fr = 135Hz D.R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8.8	BLRCH088A106B48 ×1	51563 × 1	LC1-DFK11M7 ×1	LC1D12 × 1
12.5	15.5	BLRCH155A186B48 ×1	51564 × 1	LC1-DFK11M7 ×1	LC1D12 × 1
25	31.5	BLRCH315A378B48 ×1	51565 × 1	LC1-DLK11M7 ×1	LC1D25 × 1
50	63	BLRCH315A378B48 ×2	51566 × 1	LC1-DTK12M7 ×1	LC1D50 × 1
100	126	BLRCH315A378B48 ×4	51567 × 1	---	LC1D115 × 1

Network 400V, 50Hz Capacitor Voltage 525V 5.7% / 7% Filter

Effective Power (kvar)	Q _N @ 525V	Capacitor Ref.	5.7% fr = 210Hz D.R Ref	7% fr = 190Hz D.R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	10.6	BLRCH106A127B52 ×1	51573 ×1	51568 ×1	LC1-DFK11M7×1	LC1D12 × 1
12.5	20	BLRCH200A240B52 ×1	52404 ×1	52352 ×1	LC1-DFK11M7×1	LC1D12 × 1
25	40.0	BLRCH400A480B52 ×1	52405 ×1	52353 ×1	LC1-DMK11M7×1	LC1D32 × 1
50	80.0	BLRCH400A480B52 ×2	52406 ×1	52354 ×1	LC1-DWK12M7×1	LC1D80 × 1
100	160.0	BLRCH400A480B52 ×4	52407 ×1	51569 ×1	---	LC1D115 × 1

Network 400V, 50Hz Capacitor Voltage 525V 14% Filter

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

Network 690V, 50Hz Capacitor Voltage 830V 5.7%/7% Filter

Effective Power (kvar)	Q _N @ 830V	Capacitor Ref.	5.7% fr = 210Hz D.R Ref.	7% fr = 190Hz D.R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
12.5	17.1	BLRCH171A205B83 ×1	LVR05125A69 ×1	LVR07125A69 ×1	LC1-DFK11M7 ×1	LC1D12 × 1
25	34.1	BLRCH341A409B83 ×1	LVR05250A69 ×1	LVR07250A69 ×1	LC1-DLK11M7 ×1	LC1D25 × 1
50	68.2	BLRCH341A409B83 ×2	LVR05500A69 ×1	LVR07500A69 ×1	LC1-DTK12M7 ×1	LC1D50 × 1
100	136.4	BLRCH341A409B83 ×4	LVR05X00A69 ×1	LVR07X00A69 ×1	LC1-DWK12M7 ×1	LC1D80 × 1

VarplusCan Energy + Detuned Reactor + Contactor

Combination Table



Network 400V, 50Hz Capacitor Voltage 480V 5.7% / 7% Filter

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

Network 400V, 50Hz Capacitor Voltage 480V 14% Filter

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

VarplusBox Hduty + Detuned Reactor + Contactor

Combination Table



Network 400V, 50Hz Capacitor Voltage 480V 5.7%/7% Filter

Effective Power (kvar)	Q _N @ 480V	Capacitor Ref.	5.7% fr = 210Hz D.R Ref	7% fr = 190Hz D.R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8.8	BLRBH088A106B48 × 1	51573 × 1	51568 × 1	LC1-DFK11M7×1	LC1D12 × 1
12.5	17	BLRBH172A206B48 × 1	52404 × 1	52352 × 1	LC1-DFK11M7×1	LC1D12 × 1
25	33.9	BLRBH339A407B48 × 1 or BLRBH172A206B48 × 2	52405 × 1	52353 × 1	LC1-DMK11M7×1	LC1D32 × 1
50	67.9	BLRBH339A407B48 × 2 or BLRBH227A000B48 × 3	52406 × 1	52354 × 1	LC1-DWK12M7 × 1	LC1D80 × 1
100	136.2	BLRBH339A407B48 × 4 or BLRBH227A000B48 × 6	52407 × 1	51569 × 1	---	LC1D115 × 1

Network 400V, 50Hz Capacitor Voltage 480V 14% Filter

Effective Power (kvar)	Q _N @ 480V	Capacitor Ref.	14% fr = 135Hz D.R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8.8	BLRBH083A100B48 × 1	51563 × 1	LC1-DFK11M7 × 1	LC1D12 × 1
12.5	15.5	BLRBH155A186B48 × 1	51564 × 1	LC1-DFK11M7 × 1	LC1D12 × 1
25	31.5	BLRBH315A378B48 × 1 or BLRBH155A186B48 × 2	51565 × 1	LC1-DLK11M7 × 1	LC1D25 × 1
50	63	BLRBH315A378B48 × 2 or BLRBH216A000B48 × 3	51566 × 1	LC1-DTK12M7 × 1	LC1D50 × 1
100	126.3	BLRBH315A378B48 × 4 or BLRBH216A000B48 × 6	51567 × 1	---	LC1D115 × 1



Network 690V, 50Hz Capacitor Voltage 830V 5.7%/7% Filter

Effective Power (kvar)	Q _N @ 830V	Capacitor Ref.	5.7% fr = 210Hz D.R Ref.	7% fr = 190Hz D.R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
12.5	17.1	BLRBH171A205B83 × 1	LVR05125A69 × 1	LVR07125A69 × 1	LC1-DFK11M7 × 1	LC1D12 × 1
25	34.1	BLRBH341A409B83 × 1 or BLRBH171A205B83 × 2	LVR05250A69 × 1	LVR07250A69 × 1	LC1-DLK11M7 × 1	LC1D25 × 1
50	68.2	BLRBH341A409B83 × 2 or BLRBH171A205B83 × 4	LVR05500A69 × 1	LVR07500A69 × 1	LC1-DTK12M7 × 1	LC1D50 × 1
100	136.4	BLRBH341A409B83 × 4 or BLRBH171A205B83 × 8	LVR05X00A69 × 1	LVR07X00A69 × 1	LC1-DWK12M7 × 1	LC1D80 × 1

Note:Reference Numbers in Green font are VarplusBox HDuty Compact Dimension

VarplusBox Energy + Detuned Reactor + Contactor

Combination Table



Network 400V, 50Hz Capacitor Voltage 480V 5.7% / 7% Filter

Effective Power (kvar)	Q _N @ 480V	Capacitor Ref.	5.7% fr = 210Hz D.R Ref	7% fr = 190Hz D.R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8.8	BLRBE088A106B48 × 1	51573 × 1	51568 × 1	LC1-DFK11M7×1	LC1D12 × 1
12.5	17	BLRBE170A204B48 × 1	52404 × 1	52352 × 1	LC1-DFK11M7×1	LC1D12 × 1
25	33.9	BLRBE339A407B48 × 1	52405 × 1	52353 × 1	LC1-DMK11M7×1	LC1D32 × 1
50	68	BLRBE339A407B48 × 2	52406 × 1	52354 × 1	LC1-DWK12M7×1	LC1D80 × 1
100	136	BLRBE339A407B48 × 4	52407 × 1	51569 × 1	none	LC1D115 × 1

Network 400V, 50Hz Capacitor Voltage 480V 14% Filter

Effective Power (kvar)	Q _N @ 480V	Capacitor Ref.	14% fr = 135Hz D.R Ref.	Capacitor Duty Contactor Ref.	Power Contactor Ref.
6.5	8.8	BLRBE088A106B48 ×1	51563 × 1	LC1-DFK11M7 ×1	LC1D12 × 1
12.5	15.5	BLRBE155A186B48 ×1	51564 × 1	LC1-DFK11M7 ×1	LC1D12 × 1
25	31	BLRBE315A378B48 ×1	51565 × 1	LC1-DLK11M7 ×1	LC1D25 × 1
50	62	BLRBE315A378B48 ×2	51566 × 1	LC1-DTK12M7 ×1	LC1D50 × 1
100	124	BLRBE315A378B48 ×4	51567 × 1	none	LC1D115 × 1

