

Beyond X™

L-Series MCB and RCD

Miniature Circuit Breakers and
Residual Current Devices



LS ELECTRIC

FUTURING

Leading the way with new innovations that exceed our customers expectations.

SMART

Creating an efficient and convenient future through convergence of Information and Communication Technology(ICT) and integration of sophisticated technologies.

ENERGY

Creating an abundant future through power solutions designed for safe and reliable operation.



- LS ELECTRIC is leading the power system and automation sectors of the nation's industry concentrating all our effort and energy on 'product quality' and 'innovative ideas'

- LS ELECTRIC provides power systems and automation solutions designed to support operational efficiency and reliable system operation.



LS group is a global conglomerate based in South Korea.
Spun off for growth from LG group in 2003.LS is an industry leader in electric power, automation,machinery, material and energy.



Contents

- Product Appearance 06
- Order System 07
- Product Selection Guide 08
- MCB 10
- Switch-Disconnector 36
- RCBO 38
- RCCB 62
- Accessories 70
- Technical data 79

Miniature Circuit Breakers and Residual Current Devices

(L-Series)

The best solution for perfect safety environment, customer satisfaction through best quality and service.

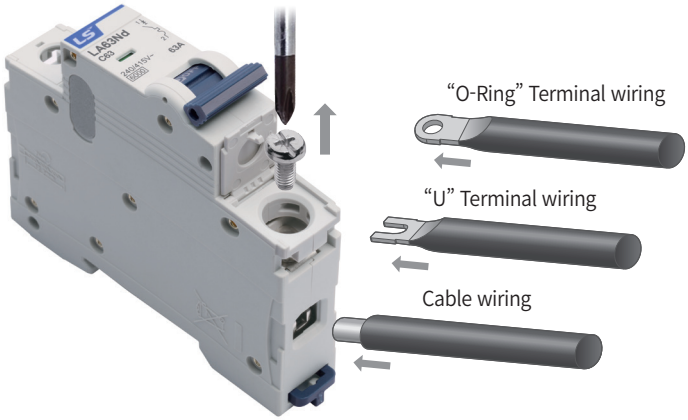
User-Friendly for installation

Streamline your distribution board installation with unified terminal height and handle position across all MCB products for ultimate convenience



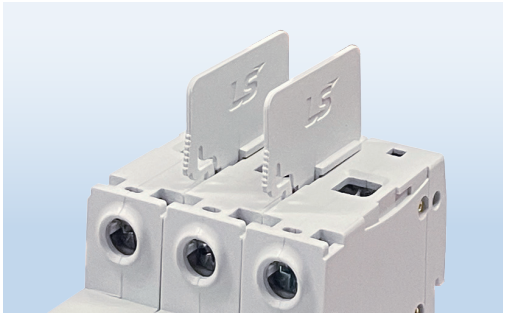
Multiple wiring methods





By adding a terminal cover structure, the MCB can meet the IP20 Protection degree and be compatible with multiple wiring methods





Enhanced insulation by insulation barrier

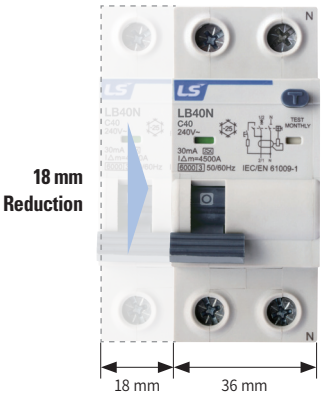
Boost insulation performance with the option to add an insulation barrier

Streamlined Design and Compact Size

LA100H 100 A MCB is 18 mm wide (based on 1P), 9 mm smaller than the existing product



LB40N/LB40H RCBO is 36 mm wide (based on 1P+N), 18 mm smaller than MCB+RCD combined product







User-friendly for verification

"Easily verify the circuit breaker's on/off position with the built-in indicator



High performance, same size breaker

The breaker achieves high performance ratings of 4.5 kA, 6 kA, 10 kA, and 15 kA while maintaining the same compact size."



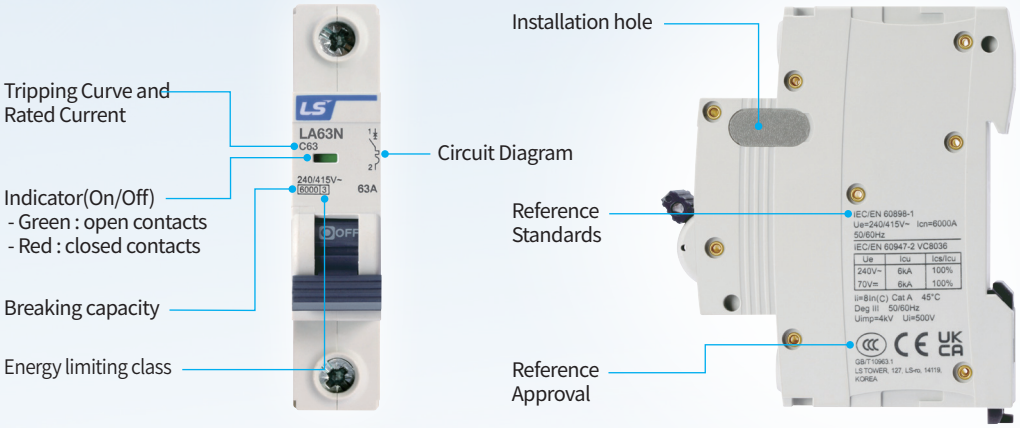
Extensive Product Range

Choose from a range of earth leakage protection models, customized to suit your specific applications

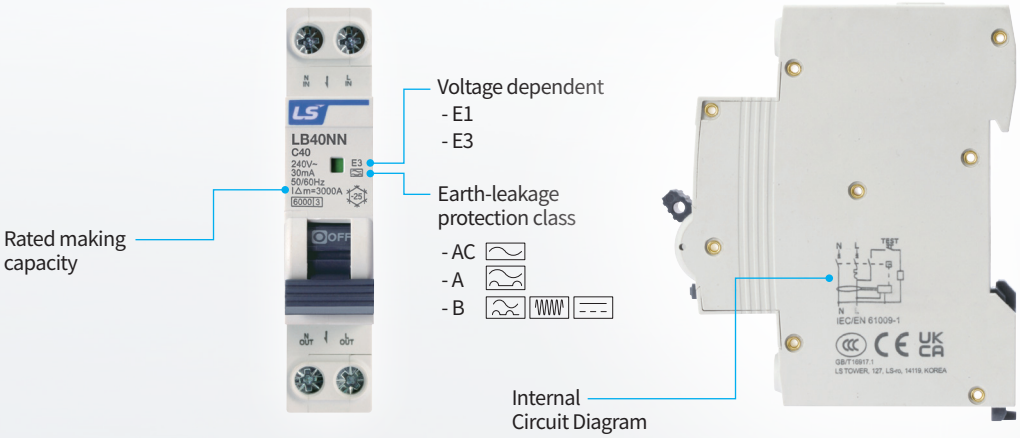
- AC type, A type, B type and time delay (AC/A type)

Product Appearance

MCB



RCBO/RCCB



MCB/RCBO/RCCB

LA	63	H	-	1P	B	63
Type	AF	Breaking Capacity	Special function	Pole	Trip Curve	Rated Current
LS MCB	32	E 4.5 kA	Blank Single terminal	1P	B	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125 A
	40	N 6 kA	d Dual terminal	1P+N	C	
	63	H 10 kA	DC DC	2P	D	
	100	L 15 kA	P Plug-in	3P	K	
	125	D Switch disconnectors		3P+N	Z	
				4P		

LB	63	N	-	1P+N	B	63	30 mA	AC type
Type	AF	Breaking Capacity	Special function	Pole	Trip Curve	Rated Current	Earth leakage sensitivity	Earth leakage protection class
LS RCBO	32	N 6 kA	Blank Single terminal	1P+N	B	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125 A	10 mA	AC type
	40	H 10 kA	d Dual terminal	2P	C		30 mA	A type
	50		B B-type	3P+N	D		50 mA	B type
	63		N 18 mm 1P+N	4P			100 mA	
			W With wire				300 mA	
			4 Only 4Pole					

LC	63	N	-	1P+N	63	30mA	AC type
Type	AF	Breaking Capacity(Inc)	Special function	Pole	Rated Current	Earth leakage sensitivity	Earth leakage protection class
LS RCCB	63	N 6 kA	Blank Single terminal	1P+N	16, 25, 32, 40, 50, 63, 80, 100 A	30 mA	AC type
	80	H 10 kA	d Dual terminal	3P+N		100 mA	A type
	100		B B-type			300 mA	AC(S) type
			R N phase on the right side				A(S) type
							B type

LA/LB/LC	AX
Type	Product
L-Series	

AX	Auxiliary contact	BB	Busbar
AL	Alarm contact	EC	End cap
U/OVT	UVT/OVT	BC	Busbar cap
SHT	Shunt	HL	Handle lock
MOP	Motor Operator	PB	Plug-in base
AXX	AX+AX	AXL	AX+AL
SHTX	Shunt+AX	E-Handle	Extended Handle

Product Selection Guide

MCB, Switch-Disconnector









Type	MCB(Miniature circuit breaker)						
	LA40E	LA40N	LA63E	LA63N	LA63Nd*	LA63H	LA63Hd*
Protection	Overload/short circuit	Overload/short circuit	Overload/short circuit	Overload/short circuit		Overload/short circuit	
Standards	IEC/EN 60898-1	IEC/EN 60898-1	IEC/EN 60898-1	IEC/EN 60898-1/ 60947-2		IEC/EN 60898-1/ 60947-2	
Rated voltage (Ue)	240 VAC	240 VAC	240/415 VAC	240/415 VAC, 70/125 VDC		240/415 VAC, 70/125 VDC	240/415/440 VAC, 70/125 VDC
Poles	1P+N	1P+N	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 1P+N, 2P, 3P, 3P+N, 4P		1P, 1P+N, 2P, 3P, 3P+N, 4P	
Rated current (In)	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40 A	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40 A	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A		1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A	
Breaking capacity	4.5 kA	6 kA	4.5 kA	6 kA		10 kA	
Isolation function	Yes	Yes	Yes	Yes		Yes	
Tripping curve	B, C, D	B, C, D	B, C, D	B, C, D		B, C, D	
Electrical durability	4000	4000	10000	10000		10000	
Mechanical durability	10000	10000	20000	20000		20000	
Terminal capacity	Cable up to 16 mm^2	Cable up to 16 mm^2	Cable up to 25 mm^2	Cable up to 25 mm^2	Lug and Screw Dual type (Cable up to 25 mm^2)	Cable up to 25 mm^2	Lug and Screw Dual type (Cable up to 25 mm^2)
Accessory	-	-	AX, AL, SHT, U/OVT	AX, AL, SHT, U/OVT		AX, AL, SHT, U/OVT	
Catalogue page	10P, 79P, 82P	10P, 79P, 82P	12P, 79P, 82P	12P, 79P, 82P	12P, 79P, 82P	12P, 79P, 82P	12P, 79P, 82P

* Expected to be launched in 2027

RCBO, RCCB







Type	RCBO(Residual Current Breaker with Overcurrent protection)				
	LB40NN	LB40N	LB40H	LB40NB	LB63N
Protection	Leakage current/ Overload/Short circuit	Leakage current/ Overload/Short circuit	Leakage current/ Overload/Short circuit	Leakage current/ Overload/Short circuit	Leakage current/ Overload/Short circuit
Standards	IEC/EN 61009-1	IEC/EN 61009-1	IEC/EN 61009-1	IEC/EN 61009-1, 62423	IEC/EN 61009-1
Operation type	AC, A	AC, A	AC, A	B	AC, A
Rated voltage (Ue)	240 VAC	240/415 VAC	240/415 VAC	240/415 VAC	240 VAC
Poles	1P+N	1P+N, 3P+N	1P+N, 3P+N	1P+N, 3P+N	1P+N
Rated current (In)	6, 10, 13, 16, 20, 25, 32, 40 A	6, 10, 13, 16, 20 25, 32, 40 A	6, 10, 13, 16, 20 25, 32, 40 A	6, 10, 13, 16, 20 25, 32, 40 A	6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A
Breaking capacity	6 kA	6 kA	10 kA	6 kA	6 kA
Isolation function	Yes	Yes	Yes	Yes	Yes
Tripping curve	B, C	B, C, D	B, C, D	B, C, D	B, C, D
Sensitivity, mA	10, 30, 100, 300	30, 100, 300	30, 100, 300	30, 100, 300	30, 50, 100, 300
Terminal capacity	Cable up to 16 mm^2	Cable up to 16 mm^2	Cable up to 16 mm^2	Cable up to 16 mm^2	Cable up to 25 mm^2
Accessory	-	AX, AL, SHT, U/OVT	AX, AL, SHT, U/OVT	AX, AL, SHT, U/OVT	AX, AL, SHT, U/OVT
Catalogue page	38P, 81P, 83P	40P, 81P, 83	40P, 81P, 83	45P, 81P, 83	47P, 81P, 83

* LC63N's neutral is on the left of RCCB and LC63NR's neutral is on the right of RCCB * LC100H's neutral is on the left of RCCB and LC100HR's neutral is on the right of RCCB
** AC (S), A (S) is Earth-leakage protection time delayed product
*** Ensure that a clear minimum distance of 45 mm (grid distance “a”) is maintained between the arc vent and surrounding parts








	MCB(Miniature circuit breaker)					Switch-Disconnector
	LA63L	**LA100H**	**LA125H**	**LA63HP**	**LA63HDC**	**LA125D**
	Overload/short circuit	Overload/short circuit	Overload/short circuit	Overload/short circuit	Overload/short circuit	-
	IEC/EN 60898-1/ 60947-2	IEC/EN 60947-2	IEC/EN 60947-2	IEC/EN 60947-2	IEC/EN 60947-2	IEC/EN 60947-3
	240/415 VAC, 70/125 VDC	240/415 VAC	240/415 VAC	240/415 VAC	250/500/750/ 1000 VDC	240/415 VAC
	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 2P, 3P, 4P	1P, 2P, 3P, 4P	1P, 2P, 3P, 4P	1P, 2P, 3P, 4P	1P, 2P, 3P, 4P
	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A	63, 80, 100 A	10, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125 A	6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A	40, 50, 63, 80, 100, 125 A
	AC 1 – 4 A: 70 kA AC 6 – 32 A: 25k A AC 40 – 63 A: 15 kA DC 1 – 63 A: 15 kA	10 kA	10 – 63 A: 20 kA 80 – 125 A: 10 kA	10 kA	10 kA	-
	Yes	Yes	Yes	Yes	Yes	Yes
	B, C, D, K, Z	C (8In), D (12In)	C (8In), D (12In)	B (4In), C (8In)	C, D, K	-
	10000	1500	1500	4000	1500	1500 (125 A 1000)
	20000	10000	10000	10000	20000	10000
	Cable up to 25 mm^2	Cable up to 50 mm^2	Cable up to 50 mm^2	Cable up to 25 mm^2	Cable up to 25 mm^2	Cable up to 50 mm^2
	AX, AL, SHT, U/OVT	AX, AL, SHT, U/OVT	AX, AL, SHT, U/OVT	-	AX, AL, SHT	AX
	13P, 79P, 82P	26P, 80P, 83P	28P, 80P, 83P	30P, 80P, 83P	32P	36P









	RCBO(Residual Current Breaker with Overcurrent protection)				RCCB(Residual Current Circuit Breaker)		
	LB63H	**LB63H4**	**LB50HW**	**LB63HW**	**LC63N/LC63NR***	**LC100H/LC100HR***	**LC80HB**
	Leakage current/ Overload/Short circuit	Leakage current/ Overload/Short circuit	Leakage current/ Overload/Short circuit	Leakage current/ Overload/Short circuit	Leakage current	Leakage current	Leakage current
	IEC/EN 61009-1	IEC/EN 61009-1	IEC/EN 61009-1	IEC/EN 61009-1	IEC/EN 61008-1	IEC/EN 61008-1	IEC/EN 61008-1, 62423
	AC, A	AC, A	AC, A	AC, A	AC, A	AC, A, AC(S)**, A(S)**	B
	240 VAC	415 VAC	230/240 VAC	400/415 VAC	240/415 VAC	240/415 VAC	240/415 VAC
	2P	4P	1P+N	3P+N	1P+N, 3P+N	1P+N, 3P+N	1P+N, 3P+N
	6, 10, 13, 16, 20, 25 32, 40, 50, 63 A	6, 10, 13, 16, 20, 25 32, 40, 50, 63 A	6, 10, 13, 16, 20 25, 32, 40, 50 A	6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A	16, 25, 32, 40, 50, 63 A	16, 25, 32, 40, 50, 63, 80, 100 A	16, 25, 32, 40, 50, 63, 80 A
	10 kA	10 kA	10 kA	10 kA	-	-	-
	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	B, C, D	B, C, D	B, C, D	B, C, D	-	-	-
	30, 50, 100, 300	30, 50, 100, 300	10, 30, 100, 300	10, 30, 100, 300	30, 100, 300	30, 100, 300	30, 100, 300
	Cable up to 25 mm^2	Cable up to 25 mm^2	Cable up to 25 mm^2	Cable up to 25 mm^2	Cable up to 25 mm^2	Cable up to 50 mm^2	Cable up to 50 mm^2
	-	-	-	-	AX, AL, SHT, U/OVT	AX, AL, SHT, U/OVT	AX, AL, SHT, U/OVT
	50P, 81P, 83P	53P, 81P, 83P	56P, 81P, 83P	59P, 81P, 83P	62P	65P	68P

LA40E/LA40N

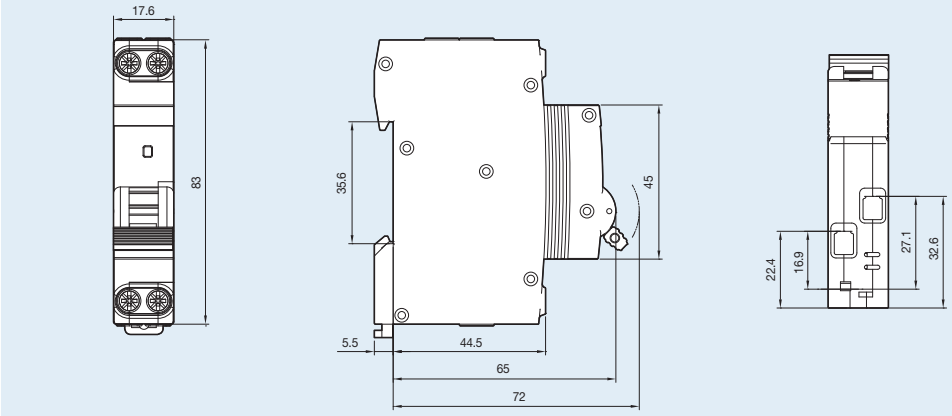
1P+N MCB

Specifications



Type		LA40E	LA40N
Electrial Feature	Standards	IEC/EN 60898-1	IEC/EN 60898-1
	Approvals	CE, CB, UKCA, CCC	CE, CB, UKCA, CCC
	Poles	1P+N	1P+N
	Rated current (In)	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40 A	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40 A
	Rated voltage (Ue) IEC60898-1	240 VAC	240 VAC
	Insulation voltage (Ui)	500 V	500 V
	Frequency	50/60 Hz	50/60 Hz
	Energy limiting class	3 (Only for B/C curve)	3 (Only for B/C curve)
	Rated impulse withstand voltage (Uimp)	4 kV	4 kV
	Rated short-circuit breaking capacity (Icn) IEC60898-1	4.5 kA	6 kA
	Rated service breaking capacity (Ics) IEC60898-1	4.5 kA	6 kA
	Tripping curve	B, C, D	B, C, D
	Polution degree	Deg III	Deg III
Mechanical Feature	Electrical durability	4000	4000
	Mechanical durability	10000	10000
	Protection degree	IP20	IP20
	Operating temperature	-30···70 °C	-30···70 °C
	Storage temperature	-40···80 °C	-40···80 °C
Installation	Type of terminal	Lug ternimal	Lug ternimal
	Terminal capacity	Cable up to 16 mm^2	Cable up to 16 mm^2
	Tightening torque	1.2 N.m	1.2 N.m
	Mounting	35 mm Din Rail	35 mm Din Rail
Accessories	AX	-	-
	AL	-	-
	SHT	-	-
	UVT/OVT	-	-

Dimension



Order number

LA40E (1 – 40 A)

1P+N MCB (4.5 kA) LA40E 1P+N □□



LA40E 1P+N C40

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
1P+N	240 VAC	4.5 kA	1A	90680001C0	90680013C0	90680025C0	2	125	12
			2 A	90680002C0	90680014C0	90680026C0			
			3 A	90680003C0	90680015C0	90680027C0			
			4 A	90680004C0	90680016C0	90680028C0			
			6 A	90680005C0	90680017C0	90680029C0			
			10 A	90680006C0	90680018C0	90680030C0			
			13 A	90680007C0	90680019C0	90680031C0			
			16 A	90680008C0	90680020C0	90680032C0			
			20 A	90680009C0	90680021C0	90680033C0			
			25 A	90680010C0	90680022C0	90680034C0			
			32 A	90680011C0	90680023C0	90680035C0			
			40 A	90680012C0	90680024C0	90680036C0			

* 1 Width module = 9 mm

LA40N (1 – 40 A)

1P+N MCB (6 kA) LA40N 1P+N □□



LA40N 1P+N C40

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
1P+N	240 VAC	6 kA	1 A	90690001C0	90690013C0	90690025C0	2	125	12
			2 A	90690002C0	90690014C0	90690026C0			
			3 A	90690003C0	90690015C0	90690027C0			
			4 A	90690004C0	90690016C0	90690028C0			
			6 A	90690005C0	90690017C0	90690029C0			
			10 A	90690006C0	90690018C0	90690030C0			
			13 A	90690007C0	90690019C0	90690031C0			
			16 A	90690008C0	90690020C0	90690032C0			
			20 A	90690009C0	90690021C0	90690033C0			
			25 A	90690010C0	90690022C0	90690034C0			
			32 A	90690011C0	90690023C0	90690035C0			
			40 A	90690012C0	90690024C0	90690036C0			

* 1 Width module = 9 mm

LA63E/LA63N/LA63Nd*/LA63H/LA63Hd*/LA63L

4.5 kA, 6 kA, 10 kA, 15 kA MCB

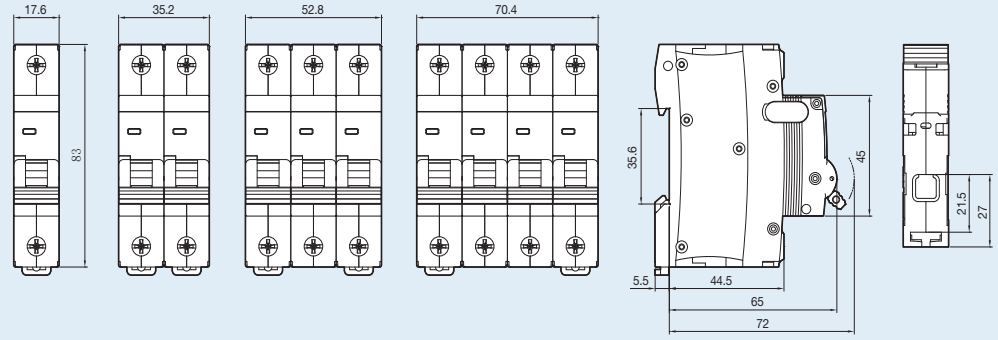
Specifications



Type		LA63E	LA63N	LA63Nd
Electrical Feature	Standards	IEC/EN 60898-1	IEC/EN 60898-1/60947-2	
	Approvals	CE, CB, UKCA, CCC	CE, CB, UKCA, CCC	
	Poles	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 1P+N, 2P, 3P, 3P+N, 4P	
	Rated current (In)	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A	
	Rated voltage (Ue) IEC60898-1	1P: 240/415 VAC 1P+N: 230/240 VAC 2 – 4P: 400/415 V	1P: 240/415 VAC 1P+N: 230/240 VAC 2 – 4P: 400/415 V	
	Rated voltage (Ue) IEC60947-2	-	1P and 1P+N: 230/240 VAC 2 – 4P: 400/415 VAC 1P: 70 VDC 2 – 4P: 125 VDC	
	Insulation voltage (Ui)	500 V	500 V	
	Frequency	50/60 Hz	50/60Hz	
	Energy limiting class	3 (Only for B/C curve)	3 (Only for B/C curve)	
	Rated impulse withstand voltage (Uimp)	6 kV	6 kV	
	Rated short-circuit breaking capacity (Icn) IEC60898-1	4.5 kA	6 kA	
	Rated Ultimate short-circuit breaking capacity (Icu) IEC60947-2	-	AC: 6 kA DC: 6 kA	
	Rated service breaking capacity (Ics) IEC60898-1	4.5 kA	6 kA	
	Rated service breaking capacity (Ics) IEC60947-2	-	AC: 6 kA DC: 6 kA	
	Tripping curve	B, C, D	B, C, D	
	Polution degree	Deg Ⅲ	Deg Ⅲ	
Mechanical Feature	Electrical durability	10000	10000	
	Mechanical durability	20000	20000	
	Protection degree	IP20	IP20	
	Operating temperature	-30⋯70 °C	-30⋯70 °C	
	Storage temperature	-40⋯80 °C	-40⋯80 °C	
Installation	Type of terminal	Lug ternimal	Lug ternimal	Dual terminal (Lug and Screw)
	Terminal capacity	Cable up to 25 mm^2	Cable up to 25 mm^2	
	Tightening torque	2 N.m	2 N.m	
	Mounting	35 mm Din Rail	35 mm Din Rail	
Accessories	AX	LA-AX	LA-AX	
	AL	LA-AL	LA-AL	
	SHT	LA-SHT	LA-SHT	
	UVT/OVT	LA-U/OVT	LA-U/OVT	

* Expected to be launched in 2027

Dimension



Type		LA63H	LA63Hd	LA63L
Electrical Feature	Standards	IEC/EN 60898-1/60947-2		IEC/EN 60898-1/60947-2
	Approvals	CE, CB, UKCA, CCC		CE, CB, UKCA, CCC
	Poles	1P, 1P+N, 2P, 3P, 3P+N, 4P		1P, 1P+N, 2P, 3P, 3P+N, 4P
	Rated current (In)	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A		1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A
	Rated voltage (Ue) IEC60898-1	1P: 240/415 VAC 1P+N: 230/240 VAC 2 – 4P: 400/415 V		1P: 240/415 VAC 1P+N: 240 VAC 2 – 4P: 415 V
	Rated voltage (Ue) IEC60947-2	1P and 1P+N: 230/240 VAC 2 – 4P: 400/415 VAC 1P: 70 VDC 2 – 4P: 125 VDC	1P and 1P+N: 230/240 VAC 2 – 4P: 400/415/440 VAC 1P: 70 VDC 2 – 4P: 125 VDC	1P and 1P+N: 230/240 VAC 2 – 4P: 400/415 VAC 1P: 70 VDC 2 – 4P: 125 VDC
	Insulation voltage (Ui)	500 V		500 V
	Frequency	50/60 Hz		50/60 Hz
	Energy limiting class	3 (Only for B/C curve)		-
	Rated impulse withstand voltage (Uimp)	6 kV		6 kV
	Rated short-circuit breaking capacity (Icn) IEC60898-1	10 kA		15 kA
	Rated Ultimate short-circuit breaking capacity (Icu) IEC60947-2	AC: 10 kA DC: 10 kA		AC 1 – 4 A: 70 kA AC 6 – 32 A: 25 kA AC 40 – 63 A: 15 kA DC 1 – 63 A: 15 kA
	Rated service breaking capacity (Ics) IEC60898-1	7.5 kA		7.5 kA
	Rated service breaking capacity (Ics) IEC60947-2	AC: 7.5 kA DC: 7.5 kA		AC 1 – 4 A: 70 kA AC 6 – 32 A: 12.5 kA AC 40 – 63 A: 7.5 kA DC 1 – 63 A: 7.5 kA
	Tripping curve	B, C, D		B, C, D, K, Z
	Polution degree	Deg Ⅲ		Deg Ⅲ
Mechanical Feature	Electrical durability	10000		10000
	Mechanical durability	20000		20000
	Protection degree	IP20		IP20
	Operating temperature	-30⋯70 °C		-30⋯70 °C
	Storage temperature	-40⋯80 °C		-40⋯80 °C
Installation	Type of terminal	Lug ternimal	Dual terminal (Lug and Screw)	Lug ternimal
	Terminal capacity	Cable up to 25 mm^2		Cable up to 25 mm^2
	Tightening torque	2 N.m		2 N.m
	Mounting	35 mm Din Rail		35 mm Din Rail
Accessories	AX	LA-AX		LA-AX
	AL	LA-AL		LA-AL
	SHT	LA-SHT		LA-SHT
	UVT/OVT	LA-U/OVT		LA-U/OVT

Order number

LA63E (1 – 63 A)

MCB (4.5 kA) LA63E □P/P+N □□



LA63E 1P C63



LA63E 1P+N C63



LA63E 2P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
1P	240/415 VAC	4.5 kA	1 A	90700001C0	90700015C0	90700029C0	2	110	12
			2 A	90700002C0	90700016C0	90700030C0			
			3 A	90700003C0	90700017C0	90700031C0			
			4 A	90700004C0	90700018C0	90700032C0			
			6 A	90700005C0	90700019C0	90700033C0			
			10 A	90700006C0	90700020C0	90700034C0			
			13 A	90700007C0	90700021C0	90700035C0			
			16 A	90700008C0	90700022C0	90700036C0			
			20 A	90700009C0	90700023C0	90700037C0			
			25 A	90700010C0	90700024C0	90700038C0			
			32 A	90700011C0	90700025C0	90700039C0			
			40 A	90700012C0	90700026C0	90700040C0			
			50 A	90700013C0	90700027C0	90700041C0			
			63 A	90700014C0	90700028C0	90700042C0			
1P+N	240 VAC	4.5 kA	1 A	90700043C0	90700057C0	90700071C0	4	220	6
			2 A	90700044C0	90700058C0	90700072C0			
			3 A	90700045C0	90700059C0	90700073C0			
			4 A	90700046C0	90700060C0	90700074C0			
			6 A	90700047C0	90700061C0	90700075C0			
			10 A	90700048C0	90700062C0	90700076C0			
			13 A	90700049C0	90700063C0	90700077C0			
			16 A	90700050C0	90700064C0	90700078C0			
			20 A	90700051C0	90700065C0	90700079C0			
			25 A	90700052C0	90700066C0	90700080C0			
			32 A	90700053C0	90700067C0	90700081C0			
			40 A	90700054C0	90700068C0	90700082C0			
			50 A	90700055C0	90700069C0	90700083C0			
			63 A	90700056C0	90700070C0	90700084C0			
2P	415 VAC	4.5 kA	1 A	90700085C0	90700099C0	90700113C0	4	220	6
			2 A	90700086C0	90700100C0	90700114C0			
			3 A	90700087C0	90700101C0	90700115C0			
			4 A	90700088C0	90700102C0	90700116C0			
			6 A	90700089C0	90700103C0	90700117C0			
			10 A	90700090C0	90700104C0	90700118C0			
			13 A	90700091C0	90700105C0	90700119C0			
			16 A	90700092C0	90700106C0	90700120C0			
			20 A	90700093C0	90700107C0	90700121C0			
			25 A	90700094C0	90700108C0	90700122C0			
			32 A	90700095C0	90700109C0	90700123C0			
			40 A	90700096C0	90700110C0	90700124C0			
			50 A	90700097C0	90700111C0	90700125C0			
			63 A	90700098C0	90700112C0	90700126C0			

* 1 Width module = 9 mm

Order number

LA63E (1 – 63 A)

MCB (4.5 kA) LA63E □P/P+N □□



LA63E 3P C63



LA63E 3P+N C63



LA63E 4P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
3P	415 VAC	4.5 kA	1 A	90700127C0	90700141C0	90700155C0	6	330	4
			2 A	90700128C0	90700142C0	90700156C0			
			3 A	90700129C0	90700143C0	90700157C0			
			4 A	90700130C0	90700144C0	90700158C0			
			6 A	90700131C0	90700145C0	90700159C0			
			10 A	90700132C0	90700146C0	90700160C0			
			13 A	90700133C0	90700147C0	90700161C0			
			16 A	90700134C0	90700148C0	90700162C0			
			20 A	90700135C0	90700149C0	90700163C0			
			25 A	90700136C0	90700150C0	90700164C0			
			32 A	90700137C0	90700151C0	90700165C0			
			40 A	90700138C0	90700152C0	90700166C0			
			50 A	90700139C0	90700153C0	90700167C0			
			63 A	90700140C0	90700154C0	90700168C0			
3P+N	415 VAC	4.5k A	1 A	90700169C0	90700183C0	90700197C0	8	440	3
			2 A	90700170C0	90700184C0	90700198C0			
			3 A	90700171C0	90700185C0	90700199C0			
			4 A	90700172C0	90700186C0	90700200C0			
			6 A	90700173C0	90700187C0	90700201C0			
			10 A	90700174C0	90700188C0	90700202C0			
			13 A	90700175C0	90700189C0	90700203C0			
			16 A	90700176C0	90700190C0	90700204C0			
			20 A	90700177C0	90700191C0	90700205C0			
			25 A	90700178C0	90700192C0	90700206C0			
			32 A	90700179C0	90700193C0	90700207C0			
			40 A	90700180C0	90700194C0	90700208C0			
			50 A	90700181C0	90700195C0	90700209C0			
			63 A	90700182C0	90700196C0	90700210C0			
4P	415 VAC	4.5 kA	1 A	90700211C0	90700225C0	90700239C0	8	440	3
			2 A	90700212C0	90700226C0	90700240C0			
			3 A	90700213C0	90700227C0	90700241C0			
			4 A	90700214C0	90700228C0	90700242C0			
			6 A	90700215C0	90700229C0	90700243C0			
			10 A	90700216C0	90700230C0	90700244C0			
			13 A	90700217C0	90700231C0	90700245C0			
			16 A	90700218C0	90700232C0	90700246C0			
			20 A	90700219C0	90700233C0	90700247C0			
			25 A	90700220C0	90700234C0	90700248C0			
			32 A	90700221C0	90700235C0	90700249C0			
			40 A	90700222C0	90700236C0	90700250C0			
			50 A	90700223C0	90700237C0	90700251C0			
			63 A	90700224C0	90700238C0	90700252C0			

* 1 Width module = 9 mm

Order number

LA63N (1 – 63 A)

MCB (6 kA) LA63N □P/P+N □□



LA63N 1P C63



LA63N 1P+N C63



LA63N 2P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
1P	240/415 VAC	6 kA	1 A	90710001C0	90710015C0	90710029C0	2	110	12
			2 A	90710002C0	90710016C0	90710030C0			
			3 A	90710003C0	90710017C0	90710031C0			
			4 A	90710004C0	90710018C0	90710032C0			
			6 A	90710005C0	90710019C0	90710033C0			
			10 A	90710006C0	90710020C0	90710034C0			
			13 A	90710007C0	90710021C0	90710035C0			
			16 A	90710008C0	90710022C0	90710036C0			
			20 A	90710009C0	90710023C0	90710037C0			
			25 A	90710010C0	90710024C0	90710038C0			
			32 A	90710011C0	90710025C0	90710039C0			
			40 A	90710012C0	90710026C0	90710040C0			
			50 A	90710013C0	90710027C0	90710041C0			
			63 A	90710014C0	90710028C0	90710042C0			
1P+N	240 VAC	6 kA	1 A	90710043C0	90710057C0	90710071C0	4	220	6
			2 A	90710044C0	90710058C0	90710072C0			
			3 A	90710045C0	90710059C0	90710073C0			
			4 A	90710046C0	90710060C0	90710074C0			
			6 A	90710047C0	90710061C0	90710075C0			
			10 A	90710048C0	90710062C0	90710076C0			
			13 A	90710049C0	90710063C0	90710077C0			
			16 A	90710050C0	90710064C0	90710078C0			
			20 A	90710051C0	90710065C0	90710079C0			
			25 A	90710052C0	90710066C0	90710080C0			
			32 A	90710053C0	90710067C0	90710081C0			
			40 A	90710054C0	90710068C0	90710082C0			
			50 A	90710055C0	90710069C0	90710083C0			
			63 A	90710056C0	90710070C0	90710084C0			
2P	415 VAC	6 kA	1 A	90710085C0	90710099C0	90710113C0	4	220	6
			2 A	90710086C0	90710100C0	90710114C0			
			3 A	90710087C0	90710101C0	90710115C0			
			4 A	90710088C0	90710102C0	90710116C0			
			6 A	90710089C0	90710103C0	90710117C0			
			10 A	90710090C0	90710104C0	90710118C0			
			13 A	90710091C0	90710105C0	90710119C0			
			16 A	90710092C0	90710106C0	90710120C0			
			20 A	90710093C0	90710107C0	90710121C0			
			25 A	90710094C0	90710108C0	90710122C0			
			32 A	90710095C0	90710109C0	90710123C0			
			40 A	90710096C0	90710110C0	90710124C0			
			50 A	90710097C0	90710111C0	90710125C0			
			63 A	90710098C0	90710112C0	90710126C0			

* 1 Width module = 9 mm

Order number

LA63N (1 – 63 A)

MCB (6 kA) LA63N □P/P+N □□



LA63N 3P C50



LA63N 3P+N C32



LA63N 4P C32

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
3P	415 VAC	6 kA	1 A	90710127C0	90710141C0	90710155C0	6	330	4
			2 A	90710128C0	90710142C0	90710156C0			
			3 A	90710129C0	90710143C0	90710157C0			
			4 A	90710130C0	90710144C0	90710158C0			
			6 A	90710131C0	90710145C0	90710159C0			
			10 A	90710132C0	90710146C0	90710160C0			
			13 A	90710133C0	90710147C0	90710161C0			
			16 A	90710134C0	90710148C0	90710162C0			
			20 A	90710135C0	90710149C0	90710163C0			
			25 A	90710136C0	90710150C0	90710164C0			
			32 A	90710137C0	90710151C0	90710165C0			
			40 A	90710138C0	90710152C0	90710166C0			
			50 A	90710139C0	90710153C0	90710167C0			
			63 A	90710140C0	90710154C0	90710168C0			
3P+N	415 VAC	6 kA	1 A	90710169C0	90710183C0	90710197C0	8	440	3
			2 A	90710170C0	90710184C0	90710198C0			
			3 A	90710171C0	90710185C0	90710199C0			
			4 A	90710172C0	90710186C0	90710200C0			
			6 A	90710173C0	90710187C0	90710201C0			
			10 A	90710174C0	90710188C0	90710202C0			
			13 A	90710175C0	90710189C0	90710203C0			
			16 A	90710176C0	90710190C0	90710204C0			
			20 A	90710177C0	90710191C0	90710205C0			
			25 A	90710178C0	90710192C0	90710206C0			
			32 A	90710179C0	90710193C0	90710207C0			
			40 A	90710180C0	90710194C0	90710208C0			
			50 A	90710181C0	90710195C0	90710209C0			
			63 A	90710182C0	90710196C0	90710210C0			
4P	415 VAC	6 kA	1 A	90710211C0	90710225C0	90710239C0	8	440	3
			2 A	90710212C0	90710226C0	90710240C0			
			3 A	90710213C0	90710227C0	90710241C0			
			4 A	90710214C0	90710228C0	90710242C0			
			6 A	90710215C0	90710229C0	90710243C0			
			10 A	90710216C0	90710230C0	90710244C0			
			13 A	90710217C0	90710231C0	90710245C0			
			16 A	90710218C0	90710232C0	90710246C0			
			20 A	90710219C0	90710233C0	90710247C0			
			25 A	90710220C0	90710234C0	90710248C0			
			32 A	90710221C0	90710235C0	90710249C0			
			40 A	90710222C0	90710236C0	90710250C0			
			50 A	90710223C0	90710237C0	90710251C0			
			63 A	90710224C0	90710238C0	90710252C0			

* 1 Width module = 9 mm

Order number

LA63Nd (1 – 63 A)

MCB (6 kA) LA63Nd □P/P+N □□



LA63Nd 1P C63



LA63Nd 1P+N C63



LA63Nd 2P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
1P	240/415 VAC	6 kA	1 A	90720001C0	90720015C0	90720029C0	2	115	12
			2 A	90720002C0	90720016C0	90720030C0			
			3 A	90720003C0	90720017C0	90720031C0			
			4 A	90720004C0	90720018C0	90720032C0			
			6 A	90720005C0	90720019C0	90720033C0			
			10 A	90720006C0	90720020C0	90720034C0			
			13 A	90720007C0	90720021C0	90720035C0			
			16 A	90720008C0	90720022C0	90720036C0			
			20 A	90720009C0	90720023C0	90720037C0			
			25 A	90720010C0	90720024C0	90720038C0			
			32 A	90720011C0	90720025C0	90720039C0			
			40 A	90720012C0	90720026C0	90720040C0			
			50 A	90720013C0	90720027C0	90720041C0			
			63 A	90720014C0	90720028C0	90720042C0			
1P+N	240 VAC	6 kA	1 A	90720043C0	90720057C0	90720071C0	4	230	6
			2 A	90720044C0	90720058C0	90720072C0			
			3 A	90720045C0	90720059C0	90720073C0			
			4 A	90720046C0	90720060C0	90720074C0			
			6 A	90720047C0	90720061C0	90720075C0			
			10 A	90720048C0	90720062C0	90720076C0			
			13 A	90720049C0	90720063C0	90720077C0			
			16 A	90720050C0	90720064C0	90720078C0			
			20 A	90720051C0	90720065C0	90720079C0			
			25 A	90720052C0	90720066C0	90720080C0			
			32 A	90720053C0	90720067C0	90720081C0			
			40 A	90720054C0	90720068C0	90720082C0			
			50 A	90720055C0	90720069C0	90720083C0			
			63 A	90720056C0	90720070C0	90720084C0			
2P	415 VAC	6 kA	1 A	90720085C0	90720099C0	90720113C0	4	230	6
			2 A	90720086C0	90720100C0	90720114C0			
			3 A	90720087C0	90720101C0	90720115C0			
			4 A	90720088C0	90720102C0	90720116C0			
			6 A	90720089C0	90720103C0	90720117C0			
			10 A	90720090C0	90720104C0	90720118C0			
			13 A	90720091C0	90720105C0	90720119C0			
			16 A	90720092C0	90720106C0	90720120C0			
			20 A	90720093C0	90720107C0	90720121C0			
			25 A	90720094C0	90720108C0	90720122C0			
			32 A	90720095C0	90720109C0	90720123C0			
			40 A	90720096C0	90720110C0	90720124C0			
			50 A	90720097C0	90720111C0	90720125C0			
			63 A	90720098C0	90720112C0	90720126C0			

* 1 Width module = 9 mm

Order number

LA63Nd (1 – 63 A)

MCB (6 kA) LA63Nd □P/P+N □□



LA63Nd 3P C63



LA63Nd 3P+N C63



LA63Nd 4P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
3P	415 VAC	6 kA	1 A	90720127C0	90720141C0	90720155C0	6	345	4
			2 A	90720128C0	90720142C0	90720156C0			
			3 A	90720129C0	90720143C0	90720157C0			
			4 A	90720130C0	90720144C0	90720158C0			
			6 A	90720131C0	90720145C0	90720159C0			
			10 A	90720132C0	90720146C0	90720160C0			
			13 A	90720133C0	90720147C0	90720161C0			
			16 A	90720134C0	90720148C0	90720162C0			
			20 A	90720135C0	90720149C0	90720163C0			
			25 A	90720136C0	90720150C0	90720164C0			
			32 A	90720137C0	90720151C0	90720165C0			
			40 A	90720138C0	90720152C0	90720166C0			
			50 A	90720139C0	90720153C0	90720167C0			
			63 A	90720140C0	90720154C0	90720168C0			
3P+N	415 VAC	6 kA	1 A	90720169C0	90720183C0	90720197C0	8	460	3
			2 A	90720170C0	90720184C0	90720198C0			
			3 A	90720171C0	90720185C0	90720199C0			
			4 A	90720172C0	90720186C0	90720200C0			
			6 A	90720173C0	90720187C0	90720201C0			
			10 A	90720174C0	90720188C0	90720202C0			
			13 A	90720175C0	90720189C0	90720203C0			
			16 A	90720176C0	90720190C0	90720204C0			
			20 A	90720177C0	90720191C0	90720205C0			
			25 A	90720178C0	90720192C0	90720206C0			
			32 A	90720179C0	90720193C0	90720207C0			
			40 A	90720180C0	90720194C0	90720208C0			
			50 A	90720181C0	90720195C0	90720209C0			
			63 A	90720182C0	90720196C0	90720210C0			
4P	415 VAC	6 kA	1 A	90720211C0	90720225C0	90720239C0	8	460	3
			2 A	90720212C0	90720226C0	90720240C0			
			3 A	90720213C0	90720227C0	90720241C0			
			4 A	90720214C0	90720228C0	90720242C0			
			6 A	90720215C0	90720229C0	90720243C0			
			10 A	90720216C0	90720230C0	90720244C0			
			13 A	90720217C0	90720231C0	90720245C0			
			16 A	90720218C0	90720232C0	90720246C0			
			20 A	90720219C0	90720233C0	90720247C0			
			25 A	90720220C0	90720234C0	90720248C0			
			32 A	90720221C0	90720235C0	90720249C0			
			40 A	90720222C0	90720236C0	90720250C0			
			50 A	90720223C0	90720237C0	90720251C0			
			63 A	90720224C0	90720238C0	90720252C0			

* 1 Width module = 9 mm

Order number

LA63H (1 – 63 A)

MCB (10 kA) LA63H □P/P+N □□



LA63H 1P C63



LA63H 1P+N C63



LA63H 2P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
1P	240/415 VAC	10 kA	1 A	90730001C0	90730015C0	90730029C0	2	128	12
			2 A	90730002C0	90730016C0	90730030C0			
			3 A	90730003C0	90730017C0	90730031C0			
			4 A	90730004C0	90730018C0	90730032C0			
			6 A	90730005C0	90730019C0	90730033C0			
			10 A	90730006C0	90730020C0	90730034C0			
			13 A	90730007C0	90730021C0	90730035C0			
			16 A	90730008C0	90730022C0	90730036C0			
			20 A	90730009C0	90730023C0	90730037C0			
			25 A	90730010C0	90730024C0	90730038C0			
			32 A	90730011C0	90730025C0	90730039C0			
			40 A	90730012C0	90730026C0	90730040C0			
			50 A	90730013C0	90730027C0	90730041C0			
			63 A	90730014C0	90730028C0	90730042C0			
1P+N	240 VAC	10 kA	1 A	90730043C0	90730057C0	90730071C0	4	256	6
			2 A	90730044C0	90730058C0	90730072C0			
			3 A	90730045C0	90730059C0	90730073C0			
			4 A	90730046C0	90730060C0	90730074C0			
			6 A	90730047C0	90730061C0	90730075C0			
			10 A	90730048C0	90730062C0	90730076C0			
			13 A	90730049C0	90730063C0	90730077C0			
			16 A	90730050C0	90730064C0	90730078C0			
			20 A	90730051C0	90730065C0	90730079C0			
			25 A	90730052C0	90730066C0	90730080C0			
			32 A	90730053C0	90730067C0	90730081C0			
			40 A	90730054C0	90730068C0	90730082C0			
			50 A	90730055C0	90730069C0	90730083C0			
			63 A	90730056C0	90730070C0	90730084C0			
2P	415 VAC	10 kA	1 A	90730085C0	90730099C0	90730113C0	4	256	6
			2 A	90730086C0	90730100C0	90730114C0			
			3 A	90730087C0	90730101C0	90730115C0			
			4 A	90730088C0	90730102C0	90730116C0			
			6 A	90730089C0	90730103C0	90730117C0			
			10 A	90730090C0	90730104C0	90730118C0			
			13 A	90730091C0	90730105C0	90730119C0			
			16 A	90730092C0	90730106C0	90730120C0			
			20 A	90730093C0	90730107C0	90730121C0			
			25 A	90730094C0	90730108C0	90730122C0			
			32 A	90730095C0	90730109C0	90730123C0			
			40 A	90730096C0	90730110C0	90730124C0			
			50 A	90730097C0	90730111C0	90730125C0			
			63 A	90730098C0	90730112C0	90730126C0			

* 1 Width module = 9 mm

Order number

LA63H (1 – 63 A)

MCB (10 kA) LA63H □P/P+N □□



LA63H 3P C63



LA63H 3P+N C63



LA63H 4P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
3P	415 VAC	10 kA	1 A	90730127C0	90730141C0	90730155C0	6	384	4
			2 A	90730128C0	90730142C0	90730156C0			
			3 A	90730129C0	90730143C0	90730157C0			
			4 A	90730130C0	90730144C0	90730158C0			
			6 A	90730131C0	90730145C0	90730159C0			
			10 A	90730132C0	90730146C0	90730160C0			
			13 A	90730133C0	90730147C0	90730161C0			
			16 A	90730134C0	90730148C0	90730162C0			
			20 A	90730135C0	90730149C0	90730163C0			
			25 A	90730136C0	90730150C0	90730164C0			
			32 A	90730137C0	90730151C0	90730165C0			
			40 A	90730138C0	90730152C0	90730166C0			
			50 A	90730139C0	90730153C0	90730167C0			
			63 A	90730140C0	90730154C0	90730168C0			
3P+N	415 VAC	10 kA	1 A	90730169C0	90730183C0	90730197C0	8	512	3
			2 A	90730170C0	90730184C0	90730198C0			
			3 A	90730171C0	90730185C0	90730199C0			
			4 A	90730172C0	90730186C0	90730200C0			
			6 A	90730173C0	90730187C0	90730201C0			
			10 A	90730174C0	90730188C0	90730202C0			
			13 A	90730175C0	90730189C0	90730203C0			
			16 A	90730176C0	90730190C0	90730204C0			
			20 A	90730177C0	90730191C0	90730205C0			
			25 A	90730178C0	90730192C0	90730206C0			
			32 A	90730179C0	90730193C0	90730207C0			
			40 A	90730180C0	90730194C0	90730208C0			
			50 A	90730181C0	90730195C0	90730209C0			
			63 A	90730182C0	90730196C0	90730210C0			
4P	415 VAC	10 kA	1 A	90730211C0	90730225C0	90730239C0	8	512	3
			2 A	90730212C0	90730226C0	90730240C0			
			3 A	90730213C0	90730227C0	90730241C0			
			4 A	90730214C0	90730228C0	90730242C0			
			6 A	90730215C0	90730229C0	90730243C0			
			10 A	90730216C0	90730230C0	90730244C0			
			13 A	90730217C0	90730231C0	90730245C0			
			16 A	90730218C0	90730232C0	90730246C0			
			20 A	90730219C0	90730233C0	90730247C0			
			25 A	90730220C0	90730234C0	90730248C0			
			32 A	90730221C0	90730235C0	90730249C0			
			40 A	90730222C0	90730236C0	90730250C0			
			50 A	90730223C0	90730237C0	90730251C0			
			63 A	90730224C0	90730238C0	90730252C0			

* 1 Width module = 9 mm

Order number

LA63Hd (1 – 63 A)

MCB (10 kA) LA63Hd □P/P+N □□



LA63Hd 1P C63



LA63Hd 1P+N C63



LA63Hd 2P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
1P	240/415 VAC	10 kA	1 A	90740001C0	90740015C0	90740029C0	2	130	12
			2 A	90740002C0	90740016C0	90740030C0			
			3 A	90740003C0	90740017C0	90740031C0			
			4 A	90740004C0	90740018C0	90740032C0			
			6 A	90740005C0	90740019C0	90740033C0			
			10 A	90740006C0	90740020C0	90740034C0			
			13 A	90740007C0	90740021C0	90740035C0			
			16 A	90740008C0	90740022C0	90740036C0			
			20 A	90740009C0	90740023C0	90740037C0			
			25 A	90740010C0	90740024C0	90740038C0			
			32 A	90740011C0	90740025C0	90740039C0			
			40 A	90740012C0	90740026C0	90740040C0			
			50 A	90740013C0	90740027C0	90740041C0			
			63 A	90740014C0	90740028C0	90740042C0			
1P+N	240 VAC	10 kA	1 A	90740043C0	90740057C0	90740071C0	4	260	6
			2 A	90740044C0	90740058C0	90740072C0			
			3 A	90740045C0	90740059C0	90740073C0			
			4 A	90740046C0	90740060C0	90740074C0			
			6 A	90740047C0	90740061C0	90740075C0			
			10 A	90740048C0	90740062C0	90740076C0			
			13 A	90740049C0	90740063C0	90740077C0			
			16 A	90740050C0	90740064C0	90740078C0			
			20 A	90740051C0	90740065C0	90740079C0			
			25 A	90740052C0	90740066C0	90740080C0			
			32 A	90740053C0	90740067C0	90740081C0			
			40 A	90740054C0	90740068C0	90740082C0			
			50 A	90740055C0	90740069C0	90740083C0			
			63 A	90740056C0	90740070C0	90740084C0			
2P	415 VAC	10 kA	1 A	90740085C0	90740099C0	90740113C0	4	260	6
			2 A	90740086C0	90740100C0	90740114C0			
			3 A	90740087C0	90740101C0	90740115C0			
			4 A	90740088C0	90740102C0	90740116C0			
			6 A	90740089C0	90740103C0	90740117C0			
			10 A	90740090C0	90740104C0	90740118C0			
			13 A	90740091C0	90740105C0	90740119C0			
			16 A	90740092C0	90740106C0	90740120C0			
			20 A	90740093C0	90740107C0	90740121C0			
			25 A	90740094C0	90740108C0	90740122C0			
			32 A	90740095C0	90740109C0	90740123C0			
			40 A	90740096C0	90740110C0	90740124C0			
			50 A	90740097C0	90740111C0	90740125C0			
			63 A	90740098C0	90740112C0	90740126C0			

* 1 Width module = 9 mm

Order number

LA63Hd (1 – 63 A)

MCB (10 kA) LA63Hd □P/P+N □□



LA63Hd 3P C63



LA63Hd 3P+N C63



LA63Hd 4P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
3P	415 VAC	10 kA	1 A	90740127C0	90740141C0	90740155C0	6	390	4
			2 A	90740128C0	90740142C0	90740156C0			
			3 A	90740129C0	90740143C0	90740157C0			
			4 A	90740130C0	90740144C0	90740158C0			
			6 A	90740131C0	90740145C0	90740159C0			
			10 A	90740132C0	90740146C0	90740160C0			
			13 A	90740133C0	90740147C0	90740161C0			
			16 A	90740134C0	90740148C0	90740162C0			
			20 A	90740135C0	90740149C0	90740163C0			
			25 A	90740136C0	90740150C0	90740164C0			
			32 A	90740137C0	90740151C0	90740165C0			
			40 A	90740138C0	90740152C0	90740166C0			
			50 A	90740139C0	90740153C0	90740167C0			
			63 A	90740140C0	90740154C0	90740168C0			
3P+N	415 VAC	10 kA	1 A	90740169C0	90740183C0	90740197C0	8	520	3
			2 A	90740170C0	90740184C0	90740198C0			
			3 A	90740171C0	90740185C0	90740199C0			
			4 A	90740172C0	90740186C0	90740200C0			
			6 A	90740173C0	90740187C0	90740201C0			
			10 A	90740174C0	90740188C0	90740202C0			
			13 A	90740175C0	90740189C0	90740203C0			
			16 A	90740176C0	90740190C0	90740204C0			
			20 A	90740177C0	90740191C0	90740205C0			
			25 A	90740178C0	90740192C0	90740206C0			
			32 A	90740179C0	90740193C0	90740207C0			
			40 A	90740180C0	90740194C0	90740208C0			
			50 A	90740181C0	90740195C0	90740209C0			
			63 A	90740182C0	90740196C0	90740210C0			
4P	415 VAC	10 kA	1 A	90740211C0	90740225C0	90740239C0	8	520	3
			2 A	90740212C0	90740226C0	90740240C0			
			3 A	90740213C0	90740227C0	90740241C0			
			4 A	90740214C0	90740228C0	90740242C0			
			6 A	90740215C0	90740229C0	90740243C0			
			10 A	90740216C0	90740230C0	90740244C0			
			13 A	90740217C0	90740231C0	90740245C0			
			16 A	90740218C0	90740232C0	90740246C0			
			20 A	90740219C0	90740233C0	90740247C0			
			25 A	90740220C0	90740234C0	90740248C0			
			32 A	90740221C0	90740235C0	90740249C0			
			40 A	90740222C0	90740236C0	90740250C0			
			50 A	90740223C0	90740237C0	90740251C0			
			63 A	90740224C0	90740238C0	90740252C0			

* 1 Width module = 9 mm

Order number

LA63L (1 – 63 A)

MCB (15 kA) LA63L □P/P+N □□



LA63L 1P C63



LA63L 1P+N C63



LA63L 2P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number					Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve	K curve	Z curve			
1P	240/ 415 VAC	15 kA	1 A	90750001C0	90750015C0	90750029C0	90750505C0	90750253C0	2	128	12
			2 A	90750002C0	90750016C0	90750030C0	90750506C0	90750254C0			
			3 A	90750003C0	90750017C0	90750031C0	90750507C0	90750255C0			
			4 A	90750004C0	90750018C0	90750032C0	90750508C0	90750256C0			
			6 A	90750005C0	90750019C0	90750033C0	90750509C0	90750257C0			
			10 A	90750006C0	90750020C0	90750034C0	90750510C0	90750258C0			
			13 A	90750007C0	90750021C0	90750035C0	90750511C0	90750259C0			
			16 A	90750008C0	90750022C0	90750036C0	90750512C0	90750260C0			
			20 A	90750009C0	90750023C0	90750037C0	90750513C0	90750261C0			
			25 A	90750010C0	90750024C0	90750038C0	90750514C0	90750262C0			
			32 A	90750011C0	90750025C0	90750039C0	90750515C0	90750263C0			
			40 A	90750012C0	90750026C0	90750040C0	90750516C0	90750264C0			
			50 A	90750013C0	90750027C0	90750041C0	90750517C0	90750265C0			
			63 A	90750014C0	90750028C0	90750042C0	90750518C0	90750266C0			
1P+N	240 VAC	15 kA	1 A	90750043C0	90750057C0	90750071C0	90750519C0	90750267C0	4	256	6
			2 A	90750044C0	90750058C0	90750072C0	90750520C0	90750268C0			
			3 A	90750045C0	90750059C0	90750073C0	90750521C0	90750269C0			
			4 A	90750046C0	90750060C0	90750074C0	90750522C0	90750270C0			
			6 A	90750047C0	90750061C0	90750075C0	90750523C0	90750271C0			
			10 A	90750048C0	90750062C0	90750076C0	90750524C0	90750272C0			
			13 A	90750049C0	90750063C0	90750077C0	90750525C0	90750273C0			
			16 A	90750050C0	90750064C0	90750078C0	90750526C0	90750274C0			
			20 A	90750051C0	90750065C0	90750079C0	90750527C0	90750275C0			
			25 A	90750052C0	90750066C0	90750080C0	90750528C0	90750276C0			
			32 A	90750053C0	90750067C0	90750081C0	90750529C0	90750277C0			
			40 A	90750054C0	90750068C0	90750082C0	90750530C0	90750278C0			
			50 A	90750055C0	90750069C0	90750083C0	90750531C0	90750279C0			
			63 A	90750056C0	90750070C0	90750084C0	90750532C0	90750280C0			
2P	415 VAC	15 kA	1 A	90750085C0	90750099C0	90750113C0	90750533C0	90750281C0	4	256	6
			2 A	90750086C0	90750100C0	90750114C0	90750534C0	90750282C0			
			3 A	90750087C0	90750101C0	90750115C0	90750535C0	90750283C0			
			4 A	90750088C0	90750102C0	90750116C0	90750536C0	90750284C0			
			6 A	90750089C0	90750103C0	90750117C0	90750537C0	90750285C0			
			10 A	90750090C0	90750104C0	90750118C0	90750538C0	90750286C0			
			13 A	90750091C0	90750105C0	90750119C0	90750539C0	90750287C0			
			16 A	90750092C0	90750106C0	90750120C0	90750540C0	90750288C0			
			20 A	90750093C0	90750107C0	90750121C0	90750541C0	90750289C0			
			25 A	90750094C0	90750108C0	90750122C0	90750542C0	90750290C0			
			32 A	90750095C0	90750109C0	90750123C0	90750543C0	90750291C0			
			40 A	90750096C0	90750110C0	90750124C0	90750544C0	90750292C0			
			50 A	90750097C0	90750111C0	90750125C0	90750545C0	90750293C0			
			63 A	90750098C0	90750112C0	90750126C0	90750546C0	90750294C0			

* 1 Width module = 9 mm

Order number

LA63L (1 – 63 A)

MCB (15 kA) LA63L □P/P+N □□



LA63L 3P C63



LA63L 3P+N C63



LA63L 4P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number					Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve	K curve	Z curve			
3P	415 VAC	15 kA	1 A	90750127C0	90750141C0	90750155C0	90750547C0	90750295C0	6	384	4
			2 A	90750128C0	90750142C0	90750156C0	90750548C0	90750296C0			
			3 A	90750129C0	90750143C0	90750157C0	90750549C0	90750297C0			
			4 A	90750130C0	90750144C0	90750158C0	90750550C0	90750298C0			
			6 A	90750131C0	90750145C0	90750159C0	90750551C0	90750299C0			
			10 A	90750132C0	90750146C0	90750160C0	90750552C0	90750300C0			
			13 A	90750133C0	90750147C0	90750161C0	90750553C0	90750301C0			
			16 A	90750134C0	90750148C0	90750162C0	90750554C0	90750302C0			
			20 A	90750135C0	90750149C0	90750163C0	90750555C0	90750303C0			
			25 A	90750136C0	90750150C0	90750164C0	90750556C0	90750304C0			
			32 A	90750137C0	90750151C0	90750165C0	90750557C0	90750305C0			
			40 A	90750138C0	90750152C0	90750166C0	90750558C0	90750306C0			
			50 A	90750139C0	90750153C0	90750167C0	90750559C0	90750307C0			
			63 A	90750140C0	90750154C0	90750168C0	90750560C0	90750308C0			
3P+N	415 VAC	15 kA	1 A	90750169C0	90750183C0	90750197C0	90750561C0	90750309C0	8	512	3
			2 A	90750170C0	90750184C0	90750198C0	90750562C0	90750310C0			
			3 A	90750171C0	90750185C0	90750199C0	90750563C0	90750311C0			
			4 A	90750172C0	90750186C0	90750200C0	90750564C0	90750312C0			
			6 A	90750173C0	90750187C0	90750201C0	90750565C0	90750313C0			
			10 A	90750174C0	90750188C0	90750202C0	90750566C0	90750314C0			
			13 A	90750175C0	90750189C0	90750203C0	90750567C0	90750315C0			
			16 A	90750176C0	90750190C0	90750204C0	90750568C0	90750316C0			
			20 A	90750177C0	90750191C0	90750205C0	90750569C0	90750317C0			
			25 A	90750178C0	90750192C0	90750206C0	90750570C0	90750318C0			
			32 A	90750179C0	90750193C0	90750207C0	90750571C0	90750319C0			
			40 A	90750180C0	90750194C0	90750208C0	90750572C0	90750320C0			
			50 A	90750181C0	90750195C0	90750209C0	90750573C0	90750321C0			
			63 A	90750182C0	90750196C0	90750210C0	90750574C0	90750322C0			
4P	415 VAC	15 kA	1 A	90750211C0	90750225C0	90750239C0	90750575C0	90750323C0	8	512	3
			2 A	90750212C0	90750226C0	90750240C0	90750576C0	90750324C0			
			3 A	90750213C0	90750227C0	90750241C0	90750577C0	90750325C0			
			4 A	90750214C0	90750228C0	90750242C0	90750578C0	90750326C0			
			6 A	90750215C0	90750229C0	90750243C0	90750579C0	90750327C0			
			10 A	90750216C0	90750230C0	90750244C0	90750580C0	90750328C0			
			13 A	90750217C0	90750231C0	90750245C0	90750581C0	90750329C0			
			16 A	90750218C0	90750232C0	90750246C0	90750582C0	90750330C0			
			20 A	90750219C0	90750233C0	90750247C0	90750583C0	90750331C0			
			25 A	90750220C0	90750234C0	90750248C0	90750584C0	90750332C0			
			32 A	90750221C0	90750235C0	90750249C0	90750585C0	90750333C0			
			40 A	90750222C0	90750236C0	90750250C0	90750586C0	90750334C0			
			50 A	90750223C0	90750237C0	90750251C0	90750587C0	90750335C0			
			63 A	90750224C0	90750238C0	90750252C0	90750588C0	90750336C0			

* 1 Width module = 9 mm

LA100H

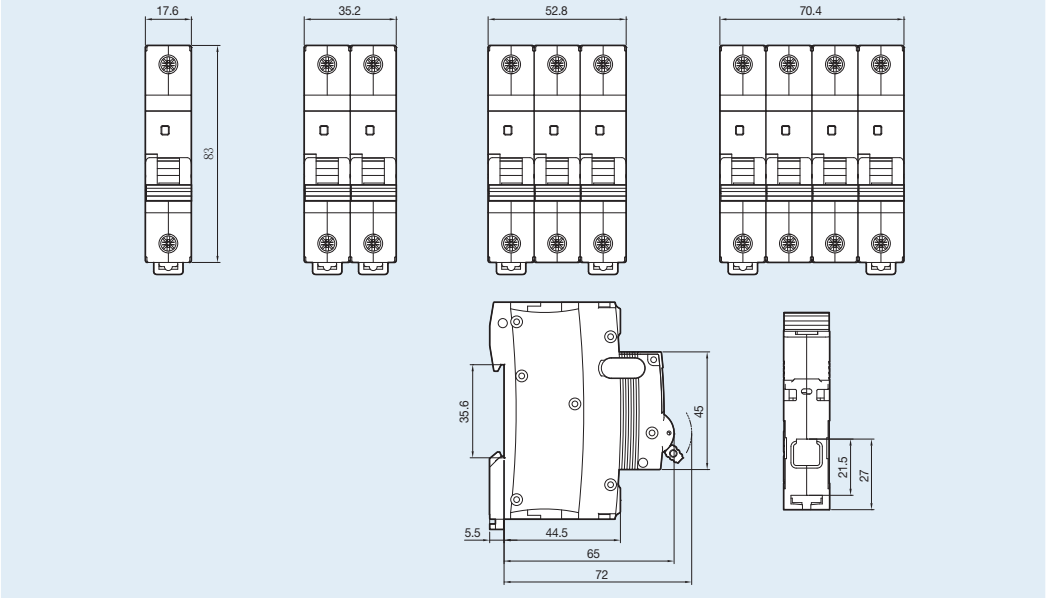
100 A MCB

Specifications



Type		LA100H
Electrical Feature	Standards	IEC/EN 60947-2
	Approvals	CE, CB, UKCA, CCC
	Poles	1P, 2P, 3P, 4P
	Rated current (In)	63, 80, 100A
	Rated voltage (Ue) IEC60898-1	-
	Rated voltage (Ue) IEC60947-2	1P: 230/240 VAC 2 – 4P: 400/415 VAC
	Insulation voltage (Ui)	500 V
	Frequency	50/60 Hz
	Energy limiting class	-
	Rated impulse withstand voltage (Uimp)	6 kV
	Rated short-circuit breaking capacity (Icu) IEC60947-2	10 kA
	Rated service breaking capacity (Ics) IEC60947-2	7.5 kA
	Tripping curve	C (8In), D (12In)
	Polution degree	Deg Ⅲ
Mechanical Feature	Electrical durability	1500
	Mechanical durability	10000
	Protection degree	IP20
	Operating temperature	-30···70 °C
	Storage temperature	-40···80 °C
Installation	Type of terminal	Lug ternimal
	Terminal capacity	Cable up to 50 mm^2
	Tightening torque	3.5 N.m
	Mounting	35 mm Din Rail
Accessories	AX	LA-AX
	AL	LA-AL
	SHT	LA-SHT
	UVT/OVT	LA-U/OVT

Dimension



Order number

LA100H (63 – 100 A)

100A MCB LA100H □P □□

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
1P	240 VAC	10 kA	63 A	-	90780001C0	90780004C0	2	140	12
			80 A	-	90780002C0	90780005C0			
			100 A	-	90780003C0	90780006C0			
2P	415 VAC	10 kA	63 A	-	90780007C0	90780010C0	4	280	6
			80 A	-	90780008C0	90780011C0			
			100 A	-	90780009C0	90780012C0			
3P	415 VAC	10 kA	63 A	-	90780013C0	90780016C0	6	420	4
			80 A	-	90780014C0	90780017C0			
			100 A	-	90780015C0	90780018C0			
4P	415 VAC	10 kA	63 A	-	90780019C0	90780022C0	8	560	3
			80 A	-	90780020C0	90780023C0			
			100 A	-	90780021C0	90780024C0			

* 1 Width module = 9 mm



LA100H 1P C63



LA100H 2P C100



LA100H 3P C100



LA100H 4P C100

LA125H

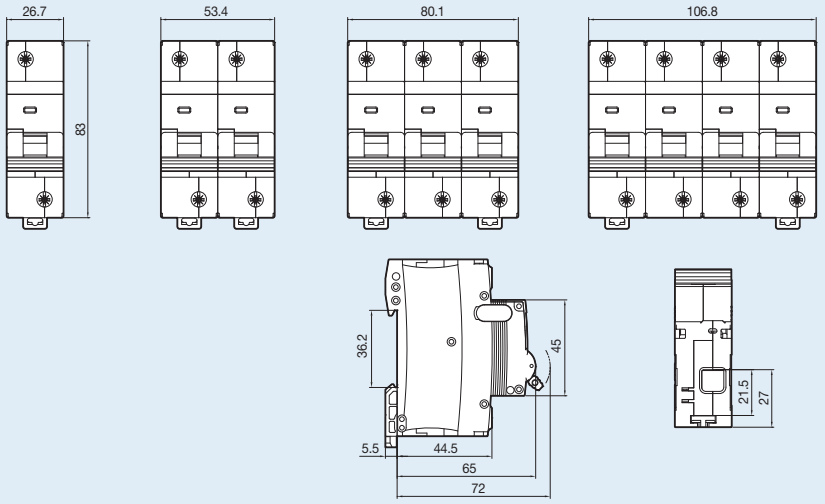
125 A MCB

Specifications



Type		LA125H
Electrical Feature	Standards	IEC/EN 60947-2
	Approvals	CE, CB, UKCA, CCC
	Poles	1P, 2P, 3P, 4P
	Rated current (In)	10, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125 A
	Rated voltage (Ue) IEC60898-1	-
	Rated voltage (Ue) IEC60947-2	1P: 230/240 VAC 2 – 4P: 400/415 VAC
	Insulation voltage (Ui)	690 V
	Frequency	50/60 Hz
	Energy limiting class	-
	Rated impulse withstand voltage (Uimp)	6 kV
	Rated short-circuit breaking capacity (Icu) IEC60947-2	20 kA (– 63 A), 10 kA (80 – 125 A)
	Rated service breaking capacity (Ics) IEC60947-2	15 kA (– 63 A), 7.5 kA (80 – 125 A)
	Tripping curve	C (8In), D (12In)
	Polution degree	Deg Ⅲ
Mechanical Feature	Electrical durability	1500
	Mechanical durability	10000
	Protection degree	IP20
	Operating temperature	-30···70 °C
	Storage temperature	-40···80 °C
Installation	Type of terminal	Lug ternimal
	Terminal capacity	Cable up to 50 mm^2
	Tightening torque	2.5 N.m
	Mounting	35 mm Din Rail
Accessories	AX	LA-AX
	AL	LA-AL
	SHT	LA-SHT
	UVT/OVT	LA-U/OVT

Dimension



Order number

LA125H (10 – 125 A)

125 A MCB LA125H □P □□



LA125H 1P C125



LA125H 2P C125



LA125H 3P C125



LA125H 4P C125

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
1P	240 VAC	20 kA	10 A	-	90790001C0	90790012C0	3	189	12
			16 A	-	90790002C0	90790013C0			
			20 A	-	90790003C0	90790014C0			
			25 A	-	90790004C0	90790015C0			
			32 A	-	90790005C0	90790016C0			
			40 A	-	90790006C0	90790017C0			
			50 A	-	90790007C0	90790018C0			
			63 A	-	90790008C0	90790019C0			
		10 kA	80 A	-	90790009C0	90790020C0			
			100 A	-	90790010C0	90790021C0			
			125 A	-	90790011C0	90790022C0			
2P	415 VAC	20 kA	10 A	-	90790023C0	90790034C0	6	378	6
			16 A	-	90790024C0	90790035C0			
			20 A	-	90790025C0	90790036C0			
			25 A	-	90790026C0	90790037C0			
			32 A	-	90790027C0	90790038C0			
			40 A	-	90790028C0	90790039C0			
			50 A	-	90790029C0	90790040C0			
			63 A	-	90790030C0	90790041C0			
		10 kA	80 A	-	90790031C0	90790042C0			
			100 A	-	90790032C0	90790043C0			
			125 A	-	90790033C0	90790044C0			
3P	415 VAC	20 kA	10 A	-	90790045C0	90790056C0	9	567	4
			16 A	-	90790046C0	90790057C0			
			20 A	-	90790047C0	90790058C0			
			25 A	-	90790048C0	90790059C0			
			32 A	-	90790049C0	90790060C0			
			40 A	-	90790050C0	90790061C0			
			50 A	-	90790051C0	90790062C0			
			63 A	-	90790052C0	90790063C0			
		10 kA	80 A	-	90790053C0	90790064C0			
			100 A	-	90790054C0	90790065C0			
			125 A	-	90790055C0	90790066C0			
4P	415 VAC	20 kA	10 A	-	90790067C0	90790078C0	12	756	3
			16 A	-	90790068C0	90790079C0			
			20 A	-	90790069C0	90790080C0			
			25 A	-	90790070C0	90790081C0			
			32 A	-	90790071C0	90790082C0			
			40 A	-	90790072C0	90790083C0			
			50 A	-	90790073C0	90790084C0			
			63 A	-	90790074C0	90790085C0			
		10 kA	80 A	-	90790075C0	90790086C0			
			100 A	-	90790076C0	90790087C0			
			125 A	-	90790077C0	90790088C0			

* 1 Width module = 9 mm

LA63HP

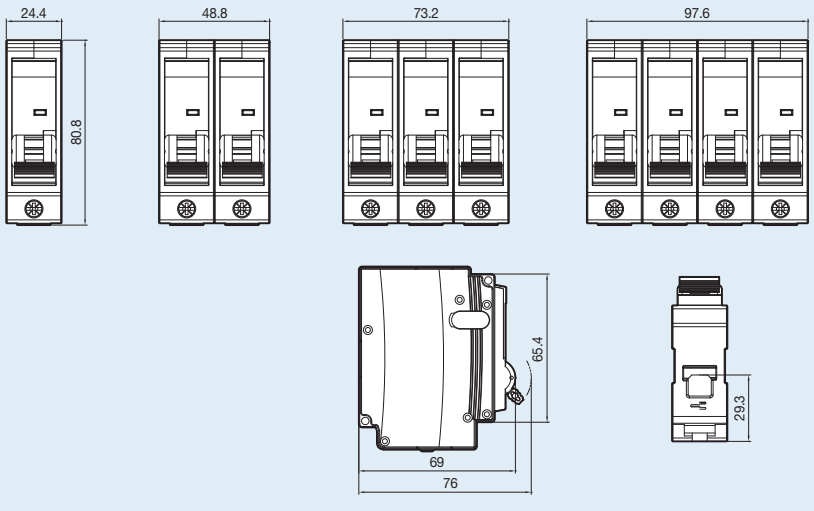
Plug-in MCB

Specifications



Type		LA63HP
Electrical Feature	Standards	IEC/EN 60947-2
	Approvals	CE, CB, UKCA, CCC
	Poles	1P, 2P, 3P, 4P
	Rated current (In)	6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A
	Rated voltage (Ue) IEC60898-1	-
	Rated voltage (Ue) IEC60947-2	1P: 240 VAC 2 – 4P: 415 VAC
	Insulation voltage (Ui)	690 V
	Frequency	50/60 Hz
	Energy limiting class	-
	Rated impulse withstand voltage (Uimp)	6 kV
	Rated short-circuit breaking capacity (Icu) IEC60947-2	10 kA
	Rated service breaking capacity (Ics) IEC60947-2	7.5 kA
	Tripping curve	B (4In), C (8In)
	Polution degree	Deg Ⅲ
Mechanical Feature	Electrical durability	4000
	Mechanical durability	10000
	Protection degree	IP20
	Operating temperature	-30···70 °C
	Storage temperature	-40···80 °C
Installation	Type of terminal	Lug ternimal
	Terminal capacity	Cable up to 25 mm^2
	Tightening torque	2 N.m
	Mounting	Plug-in
Accessories	AX	-
	AL	-
	SHT	-
	UVT/OVT	-

Dimension



Order number

LA63HP (6 – 63 A)

Plug-in MCB LA63HP □P □□



LA63HP 1P C63



LA63HP 2P C63



LA63HP 3P C63



LA63HP 4P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				B curve	C curve	D curve			
1P	240 VAC	10 kA	6 A	90770001C0	90770011C0	-	-	105	12
			10 A	90770002C0	90770012C0	-			
			13 A	90770003C0	90770013C0	-			
			16 A	90770004C0	90770014C0	-			
			20 A	90770005C0	90770015C0	-			
			25 A	90770006C0	90770016C0	-			
			32 A	90770007C0	90770017C0	-			
			40 A	90770008C0	90770018C0	-			
			50 A	90770009C0	90770019C0	-			
			63 A	90770010C0	90770020C0	-			
2P	415 VAC	10 kA	6 A	90770021C0	90770031C0	-	-	210	6
			10 A	90770022C0	90770032C0	-			
			13 A	90770023C0	90770033C0	-			
			16 A	90770024C0	90770034C0	-			
			20 A	90770025C0	90770035C0	-			
			25 A	90770026C0	90770036C0	-			
			32 A	90770027C0	90770037C0	-			
			40 A	90770028C0	90770038C0	-			
			50 A	90770029C0	90770039C0	-			
			63 A	90770030C0	90770040C0	-			
3P	415 VAC	10 kA	6 A	90770041C0	90770051C0	-	-	315	4
			10 A	90770042C0	90770052C0	-			
			13 A	90770043C0	90770053C0	-			
			16 A	90770044C0	90770054C0	-			
			20 A	90770045C0	90770055C0	-			
			25 A	90770046C0	90770056C0	-			
			32 A	90770047C0	90770057C0	-			
			40 A	90770048C0	90770058C0	-			
			50 A	90770049C0	90770059C0	-			
			63 A	90770050C0	90770060C0	-			
4P	415 VAC	10 kA	6 A	90770061C0	90770071C0	-	-	420	3
			10 A	90770062C0	90770072C0	-			
			13 A	90770063C0	90770073C0	-			
			16 A	90770064C0	90770074C0	-			
			20 A	90770065C0	90770075C0	-			
			25 A	90770066C0	90770076C0	-			
			32 A	90770067C0	90770077C0	-			
			40 A	90770068C0	90770078C0	-			
			50 A	90770069C0	90770079C0	-			
			63 A	90770070C0	90770080C0	-			

LA63HDC

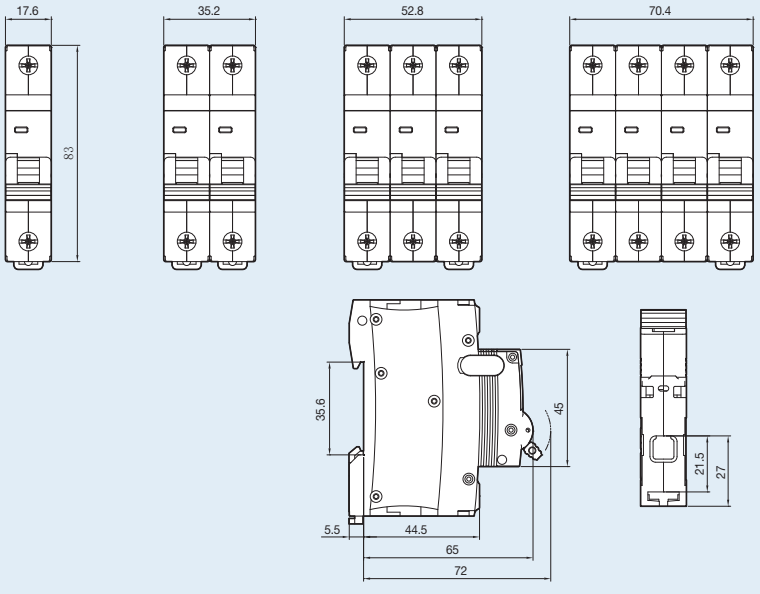
DC MCB

Specifications



Type		LA63HDC
Electrical Feature	Standards	IEC/EN 60947-2
	Approvals	CE, CB, UKCA, CCC
	Poles	1P, 2P, 3P, 4P
	Rated current (In)	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A
	Rated voltage (Ue) IEC60898-1	-
	Rated voltage (Ue) IEC60947-2	1P: 250 VDC 3P: 750 VDC 2P: 500 VDC 4P: 1000 VDC
	Insulation voltage (Ui)	690 V (1P, 2P), 1000 V (3P, 4P)
	Frequency	-
	Energy limiting class	-
	Rated impulse withstand voltage (Uimp)	6 kV
	Rated short-circuit breaking capacity (Icu) IEC60947-2	10 kA
	Rated service breaking capacity (Ics) IEC60947-2	7.5 kA
	Tripping curve	C, D, K
	Polution degree	Deg Ⅲ
Mechanical Feature	Electrical durability	1500
	Mechanical durability	20000
	Protection degree	IP20
	Operating temperature	-30···70 °C
	Storage temperature	-40···80 °C
Installation	Type of terminal	Lug ternimal
	Terminal capacity	Cable up to 25 mm^2
	Tightening torque	2 N.m
	Mounting	35 mm Din Rail
Accessories	AX	LA-AX
	AL	LA-AL
	SHT	LA-SHT
	UVT/OVT	-

Dimension



Order number

LA63HDC (1 – 63 A)

DC MCB LA63HDC □P □□



LA63HDC 1P C63



LA63HDC 2P C63



LA63HDC 3P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				C curve	D curve	K curve			
1P	250 VDC	10 kA	1 A	90760001C0	90760015C0	90760227C0	2	128	12
			2 A	90760002C0	90760016C0	90760228C0			
			3 A	90760003C0	90760017C0	90760229C0			
			4 A	90760004C0	90760018C0	90760230C0			
			6 A	90760005C0	90760019C0	90760231C0			
			10 A	90760006C0	90760020C0	90760232C0			
			13 A	90760007C0	90760021C0	90760233C0			
			16 A	90760008C0	90760022C0	90760234C0			
			20 A	90760009C0	90760023C0	90760235C0			
			25 A	90760010C0	90760024C0	90760236C0			
			32 A	90760011C0	90760025C0	90760237C0			
			40 A	90760012C0	90760026C0	90760238C0			
			50 A	90760013C0	90760027C0	90760239C0			
			63 A	90760014C0	90760028C0	90760240C0			
2P	500 VDC	10 kA	1 A	90760029C0	90760043C0	90760241C0	4	256	6
			2 A	90760030C0	90760044C0	90760242C0			
			3 A	90760031C0	90760045C0	90760243C0			
			4 A	90760032C0	90760046C0	90760244C0			
			6 A	90760033C0	90760047C0	90760245C0			
			10 A	90760034C0	90760048C0	90760246C0			
			13 A	90760035C0	90760049C0	90760247C0			
			16 A	90760036C0	90760050C0	90760248C0			
			20 A	90760037C0	90760051C0	90760249C0			
			25 A	90760038C0	90760052C0	90760250C0			
			32 A	90760039C0	90760053C0	90760251C0			
			40 A	90760040C0	90760054C0	90760252C0			
			50 A	90760041C0	90760055C0	90760253C0			
			63 A	90760042C0	90760056C0	90760254C0			
3P	750 VDC	10 kA	1 A	90760057C0	90760071C0	90760255C0	6	384	4
			2 A	90760058C0	90760072C0	90760256C0			
			3 A	90760059C0	90760073C0	90760257C0			
			4 A	90760060C0	90760074C0	90760258C0			
			6 A	90760061C0	90760075C0	90760259C0			
			10 A	90760062C0	90760076C0	90760260C0			
			13 A	90760063C0	90760077C0	90760261C0			
			16 A	90760064C0	90760078C0	90760262C0			
			20 A	90760065C0	90760079C0	90760263C0			
			25 A	90760066C0	90760080C0	90760264C0			
			32 A	90760067C0	90760081C0	90760265C0			
			40 A	90760068C0	90760082C0	90760266C0			
			50 A	90760069C0	90760083C0	90760267C0			
			63 A	90760070C0	90760084C0	90760268C0			

* 1 Width module = 9 mm

Order number

LA63HDC (1 – 63 A)

DC MCB LA63HDC □P □□



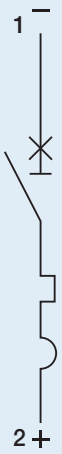
LA63HDC 4P C63

Type	Ue (V)	Breaking Capacity	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				C curve	D curve	K curve			
4P	1000 VDC	10 kA	1 A	90760085C0	90760099C0	90760269C0	8	512	3
			2 A	90760086C0	90760100C0	90760270C0			
			3 A	90760087C0	90760101C0	90760271C0			
			4 A	90760088C0	90760102C0	90760272C0			
			6 A	90760089C0	90760103C0	90760273C0			
			10 A	90760090C0	90760104C0	90760274C0			
			13 A	90760091C0	90760105C0	90760275C0			
			16 A	90760092C0	90760106C0	90760276C0			
			20 A	90760093C0	90760107C0	90760277C0			
			25 A	90760094C0	90760108C0	90760278C0			
			32 A	90760095C0	90760109C0	90760279C0			
			40 A	90760096C0	90760110C0	90760280C0			
			50 A	90760097C0	90760111C0	90760281C0			
			63 A	90760098C0	90760112C0	90760282C0			

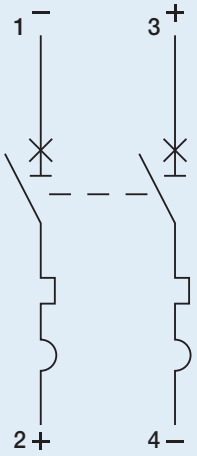
* 1 Width module = 9 mm

Connection method

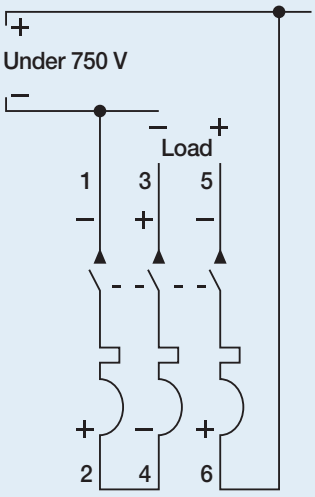
Single pole diagram



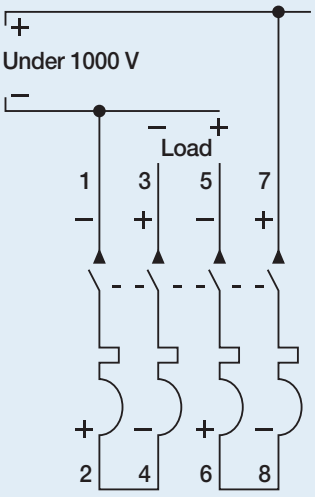
Two pole series connection diagram



Three pole series connection diagram



Four pole series connection diagram



LA125D

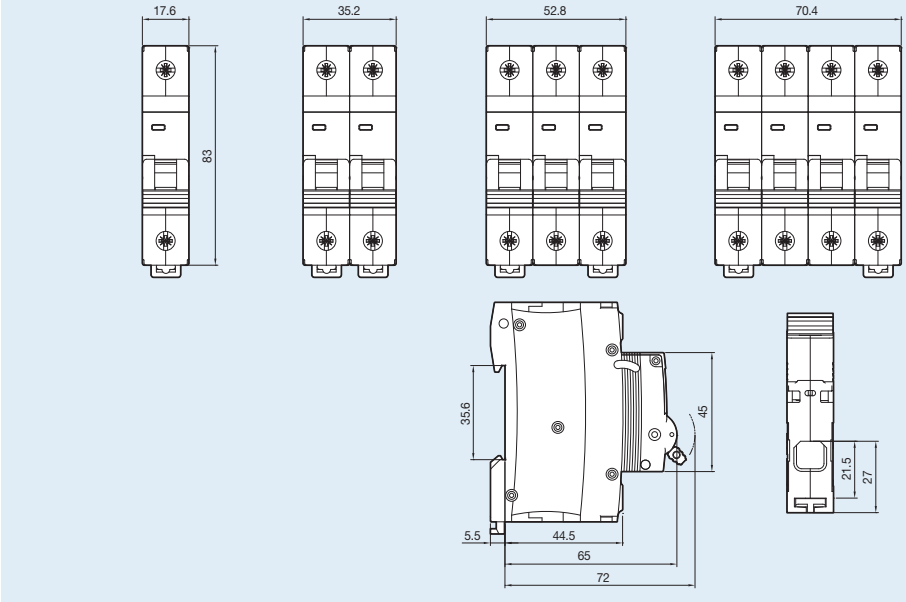
125 A Switch-Disconnector

Specifications



Type		LA125D
Electrical Feature	Standards	IEC/EN 60947-3
	Approvals	CE, CB, UKCA, CCC
	Poles	1P, 2P, 3P, 4P
	Rated current (In)	40, 50, 63, 80, 100, 125 A
	Rated voltage (Ue) IEC60898-1	-
	Rated voltage (Ue) IEC60947-3	1P: 230/240 VAC 2 – 4P: 400/415 VAC
	Insulation voltage (Ui)	690 V
	Frequency	50/60 Hz
	Energy limiting class	-
	Rated impulse withstand voltage (Uimp)	6k V
	Rated short-time withstand current(Icw)	1500 A/1 s
	Rated short-circuit making capacity (Icm)	2500 A
	Utilization category	AC-22 A
	Polution degree	Deg Ⅲ
Mechanical Feature	Electrical durability	1500 (125 A 1000)
	Mechanical durability	10000
	Protection degree	IP20
	Operating temperature	-30···70 °C
	Storage temperature	-40···80 °C
Installation	Type of terminal	Lug ternimal
	Terminal capacity	Cable up to 50 mm^2
	Tightening torque	3.5 N.m
	Mounting	35 mm Din Rail
Accessories	AX	LA-AX
	AL	-
	SHT	-
	UVT/OVT	-

Dimension



Order number

LA125D (40 – 125 A)

125 A Switch-Disconnector LA125D □P □



LA125D 1P 63



LA125D 2P 125



LA125D 3P 125



LA125D 4P 125

Type	Ue (V)	Breaking Capacity	In (A)	Order Number	Width module	Weight (g)	Packing (pcs.)
1P	240 VAC	-	40 A	90800001C0	2	87	12
			50 A	90800002C0			
			63 A	90800003C0			
			80 A	90800004C0			
			100 A	90800005C0			
			125 A	90800006C0			
2P	415 VAC	-	40 A	90800007C0	4	174	6
			50 A	90800008C0			
			63 A	90800009C0			
			80 A	90800010C0			
			100 A	90800011C0			
			125 A	90800012C0			
3P	415 VAC	-	40 A	90800013C0	6	261	4
			50 A	90800014C0			
			63 A	90800015C0			
			80 A	90800016C0			
			100 A	90800017C0			
			125 A	90800018C0			
4P	415 VAC	-	40 A	90800019C0	8	348	3
			50 A	90800020C0			
			63 A	90800021C0			
			80 A	90800022C0			
			100 A	90800023C0			
			125 A	90800024C0			

* 1 Width module = 9 mm

LB40NN

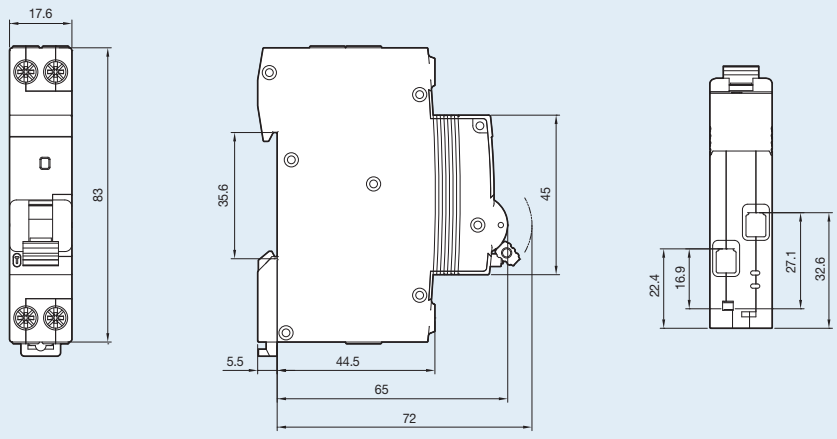
1P+N 18 mm RCBO

Specifications



Type		LB40NN
Electrical Feature	Standards	IEC/EN 61009-1
	Approvals	CE, CB, UKCA, CCC
	Operation type	AC, A
	Poles	1P+N
	Rated current (In)	6, 10, 13, 16, 20, 25, 32, 40 A
	Rated voltage (Ue)	230/240 VAC
	Insulation voltage (Ui)	500 V
	Frequency	50/60 Hz
	Energy limiting class	3
	Rated impulse withstand voltage (Uimp)	4 kV
	Rated short-circuit breaking capacity (Icn)	6 kA
	Rated service breaking capacity (Ics)	6 kA
	Rated making capacity (Im)	3000 A
	Tripping curve	B, C
	Sensitivity (mA)	10, 30, 100, 300
	Type of trip	Electronic
	Residual current off-time	≤ 0.1 sec.
Mechanical Feature	Electrical durability	4000
	Mechanical durability	10000
	Protection degree	IP20
	Operating temperature	-25···60 °C
	Storage temperature	-40···80 °C
Installation	Type of terminal	Lug ternimal
	Terminal capacity	Cable up to 16 mm^2
	Tightening torque	1.2 N.m
	Mounting	35 mm Din Rail
Accessories	AX	-
	AL	-
	SHT	-
	UVT/OVT	-

Dimension



Order number

LB40NN (6 – 40 A)

1P+N 18 mm RCBO LB40NN 1P+N □□□□



LB40NN 1P+N C40
30 mA A-type

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number				Width module	Weight (g)	Packing (pcs.)
						10 mA	30 mA	100 mA	300 mA			
1P+N	240 VAC	6 kA	B	AC	6 A	90850001C0	90850009C0	90850017C0	90850025C0	2	130	12
					10 A	90850002C0	90850010C0	90850018C0	90850026C0			
					13 A	90850003C0	90850011C0	90850019C0	90850027C0			
					16 A	90850004C0	90850012C0	90850020C0	90850028C0			
					20 A	90850005C0	90850013C0	90850021C0	90850029C0			
					25 A	90850006C0	90850014C0	90850022C0	90850030C0			
					32 A	90850007C0	90850015C0	90850023C0	90850031C0			
					40 A	90850008C0	90850016C0	90850024C0	90850032C0			
				A	6 A	90850033C0	90850041C0	90850049C0	90850057C0	2	130	12
					10 A	90850034C0	90850042C0	90850050C0	90850058C0			
					13 A	90850035C0	90850043C0	90850051C0	90850059C0			
					16 A	90850036C0	90850044C0	90850052C0	90850060C0			
					20 A	90850037C0	90850045C0	90850053C0	90850061C0			
					25 A	90850038C0	90850046C0	90850054C0	90850062C0			
					32 A	90850039C0	90850047C0	90850055C0	90850063C0			
					40 A	90850040C0	90850048C0	90850056C0	90850064C0			
		6 kA	C	AC	6 A	90850065C0	90850073C0	90850081C0	90850089C0	2	130	12
					10 A	90850066C0	90850074C0	90850082C0	90850090C0			
					13 A	90850067C0	90850075C0	90850083C0	90850091C0			
					16 A	90850068C0	90850076C0	90850084C0	90850092C0			
					20 A	90850069C0	90850077C0	90850085C0	90850093C0			
					25 A	90850070C0	90850078C0	90850086C0	90850094C0			
					32 A	90850071C0	90850079C0	90850087C0	90850095C0			
					40 A	90850072C0	90850080C0	90850088C0	90850096C0			
				A	6 A	90850097C0	90850105C0	90850113C0	90850121C0	2	130	12
					10 A	90850098C0	90850106C0	90850114C0	90850122C0			
					13 A	90850099C0	90850107C0	90850115C0	90850123C0			
					16 A	90850100C0	90850108C0	90850116C0	90850124C0			
					20 A	90850101C0	90850109C0	90850117C0	90850125C0			
					25 A	90850102C0	90850110C0	90850118C0	90850126C0			
					32 A	90850103C0	90850111C0	90850119C0	90850127C0			
					40 A	90850104C0	90850112C0	90850120C0	90850128C0			

* 1 Width module = 9 mm

LB40N/LB40H

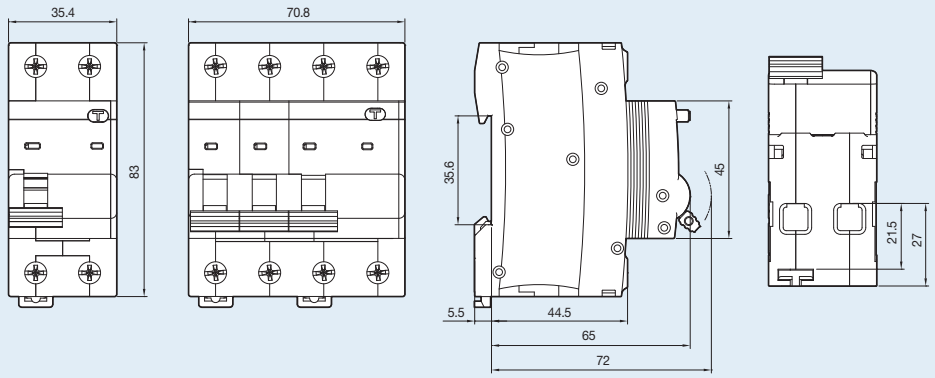
40 A RCBO

Specifications



Type		LB40N	LB40H
Electrical Feature	Standards	IEC/EN 61009-1	IEC/EN 61009-1
	Approvals	CE, CB, UKCA, CCC	CE, CB, UKCA, CCC
	Operation type	AC, A	AC, A
	Poles	1P+N, 3P+N	1P+N, 3P+N
	Rated current (In)	6, 10, 13, 16, 20, 25, 32, 40 A	6, 10, 13, 16, 20, 25, 32, 40 A
	Rated voltage (Ue)	1P+N: 240 VAC/3P+N: 415 VAC	1P+N: 240 VAC/3P+N: 415 VAC
	Insulation voltage (Ui)	500 V	500 V
	Frequency	50/60 Hz	50/60 Hz
	Energy limiting class	3 (Only for B/C curve)	3 (Only for B/C curve)
	Rated impulse withstand voltage (Uimp)	4 kV	4 kV
	Rated short-circuit breaking capacity (Icn)	6 kA	10 kA
	Rated service breaking capacity (Ics)	6 kA	7.5 kA
	Rated making capacity (Im)	4500 A	4500 A
	Tripping curve	B, C, D	B, C, D
	Sensitivity (mA)	30, 100, 300	30, 100, 300
	Type of trip	Magnetic	Magnetic
	Residual current off-time	≤ 0.1 sec.	≤ 0.1 sec.
Mechanical Feature	Electrical durability	4000	4000
	Mechanical durability	10000	10000
	Protection degree	IP20	IP20
	Operating temperature	-25···60 °C	-25···60 °C
	Storage temperature	-40···80 °C	-40···80 °C
Installation	Type of terminal	Lug ternimal	Lug ternimal
	Terminal capacity	Cable up to 16 mm^2	Cable up to 16 mm^2
	Tightening torque	1.2 N.m	1.2 N.m
	Mounting	35 mm Din Rail	35 mm Din Rail
Accessories	AX	LB-AX	LB-AX
	AL	LB-AL	LB-AL
	SHT	LB-SHT	LB-SHT
	UVT/OVT	LB-U/OVT	LB-U/OVT

Dimension



Order number

LB40N (6 – 40 A)

40 A RCBO (6 kA) LB40N □P+N □□□□



LB40N 1P+N C40
30 mA A-type

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number 30 mA	Order Number 100 mA	Order Number 300 mA	Width module	Weight (g)	Packing (pcs.)
1P+N	240 VAC	6 kA	B	AC	6 A	90860001C0	90860009C0	90860017C0	4	217	6
					10 A	90860002C0	90860010C0	90860018C0			
					13 A	90860003C0	90860011C0	90860019C0			
					16 A	90860004C0	90860012C0	90860020C0			
					20 A	90860005C0	90860013C0	90860021C0			
					25 A	90860006C0	90860014C0	90860022C0			
					32 A	90860007C0	90860015C0	90860023C0			
					40 A	90860008C0	90860016C0	90860024C0			
				A	6 A	90860025C0	90860033C0	90860041C0	4	217	6
					10 A	90860026C0	90860034C0	90860042C0			
					13 A	90860027C0	90860035C0	90860043C0			
					16 A	90860028C0	90860036C0	90860044C0			
					20 A	90860029C0	90860037C0	90860045C0			
					25 A	90860030C0	90860038C0	90860046C0			
					32 A	90860031C0	90860039C0	90860047C0			
					40 A	90860032C0	90860040C0	90860048C0			
		6 kA	C	AC	6 A	90860049C0	90860057C0	90860065C0	4	217	6
					10 A	90860050C0	90860058C0	90860066C0			
					13 A	90860051C0	90860059C0	90860067C0			
					16 A	90860052C0	90860060C0	90860068C0			
					20 A	90860053C0	90860061C0	90860069C0			
					25 A	90860054C0	90860062C0	90860070C0			
					32 A	90860055C0	90860063C0	90860071C0			
					40 A	90860056C0	90860064C0	90860072C0			
				A	6 A	90860073C0	90860081C0	90860089C0	4	217	6
					10 A	90860074C0	90860082C0	90860090C0			
					13 A	90860075C0	90860083C0	90860091C0			
					16 A	90860076C0	90860084C0	90860092C0			
					20 A	90860077C0	90860085C0	90860093C0			
					25 A	90860078C0	90860086C0	90860094C0			
					32 A	90860079C0	90860087C0	90860095C0			
					40 A	90860080C0	90860088C0	90860096C0			
		6 kA	D	AC	6 A	90860097C0	90860105C0	90860113C0	4	217	6
					10 A	90860098C0	90860106C0	90860114C0			
					13 A	90860099C0	90860107C0	90860115C0			
					16 A	90860100C0	90860108C0	90860116C0			
					20 A	90860101C0	90860109C0	90860117C0			
					25 A	90860102C0	90860110C0	90860118C0			
					32 A	90860103C0	90860111C0	90860119C0			
					40 A	90860104C0	90860112C0	90860120C0			
				A	6 A	90860121C0	90860129C0	90860137C0	4	217	6
					10 A	90860122C0	90860130C0	90860138C0			
					13 A	90860123C0	90860131C0	90860139C0			
					16 A	90860124C0	90860132C0	90860140C0			
					20 A	90860125C0	90860133C0	90860141C0			
					25 A	90860126C0	90860134C0	90860142C0			
					32 A	90860127C0	90860135C0	90860143C0			
					40 A	90860128C0	90860136C0	90860144C0			

* 1 Width module = 9 mm

Order number

LB40N (6 – 40 A)

40 A RCBO (6 kA) LB40N □P+N □□□□



LB40N 3P+N C40
30 mA A-type

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number 30 mA	100 mA	300 mA	Width module	Weight (g)	Packing (pcs.)
3P+N	415 VAC	6 kA	B	AC	6 A	90860145C0	90860153C0	90860161C0	8	467	3
					10 A	90860146C0	90860154C0	90860162C0			
					13 A	90860147C0	90860155C0	90860163C0			
					16 A	90860148C0	90860156C0	90860164C0			
					20 A	90860149C0	90860157C0	90860165C0			
					25 A	90860150C0	90860158C0	90860166C0			
					32 A	90860151C0	90860159C0	90860167C0			
					40 A	90860152C0	90860160C0	90860168C0			
				A	6 A	90860169C0	90860177C0	90860185C0	8	467	3
					10 A	90860170C0	90860178C0	90860186C0			
					13 A	90860171C0	90860179C0	90860187C0			
					16 A	90860172C0	90860180C0	90860188C0			
					20 A	90860173C0	90860181C0	90860189C0			
					25 A	90860174C0	90860182C0	90860190C0			
					32 A	90860175C0	90860183C0	90860191C0			
					40 A	90860176C0	90860184C0	90860192C0			
			C	AC	6 A	90860193C0	90860201C0	90860209C0	8	467	3
					10 A	90860194C0	90860202C0	90860210C0			
					13 A	90860195C0	90860203C0	90860211C0			
					16 A	90860196C0	90860204C0	90860212C0			
					20 A	90860197C0	90860205C0	90860213C0			
					25 A	90860198C0	90860206C0	90860214C0			
					32 A	90860199C0	90860207C0	90860215C0			
					40 A	90860200C0	90860208C0	90860216C0			
				A	6 A	90860217C0	90860225C0	90860233C0	8	467	3
					10 A	90860218C0	90860226C0	90860234C0			
					13 A	90860219C0	90860227C0	90860235C0			
					16 A	90860220C0	90860228C0	90860236C0			
					20 A	90860221C0	90860229C0	90860237C0			
					25 A	90860222C0	90860230C0	90860238C0			
					32 A	90860223C0	90860231C0	90860239C0			
					40 A	90860224C0	90860232C0	90860240C0			
			D	AC	6 A	90860241C0	90860249C0	90860257C0	8	467	3
					10 A	90860242C0	90860250C0	90860258C0			
					13 A	90860243C0	90860251C0	90860259C0			
					16 A	90860244C0	90860252C0	90860260C0			
					20 A	90860245C0	90860253C0	90860261C0			
					25 A	90860246C0	90860254C0	90860262C0			
					32 A	90860247C0	90860255C0	90860263C0			
					40 A	90860248C0	90860256C0	90860264C0			
				A	6 A	90860265C0	90860273C0	90860281C0	8	467	3
					10 A	90860266C0	90860274C0	90860282C0			
					13 A	90860267C0	90860275C0	90860283C0			
					16 A	90860268C0	90860276C0	90860284C0			
					20 A	90860269C0	90860277C0	90860285C0			
					25 A	90860270C0	90860278C0	90860286C0			
					32 A	90860271C0	90860279C0	90860287C0			
					40 A	90860272C0	90860280C0	90860288C0			

* 1 Width module = 9 mm

Order number

LB40H (6 – 40 A)

40 A RCBO (10 kA) LB40H □P+N □□□□



LB40H 1P+N C40
30 mA A-type

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
						30 mA	100 mA	300 mA			
1P+N	240 VAC	10 kA	B	AC	6 A	90880001C0	90880009C0	90880017C0	4	217	6
					10 A	90880002C0	90880010C0	90880018C0			
					13 A	90880003C0	90880011C0	90880019C0			
					16 A	90880004C0	90880012C0	90880020C0			
					20 A	90880005C0	90880013C0	90880021C0			
					25 A	90880006C0	90880014C0	90880022C0			
					32 A	90880007C0	90880015C0	90880023C0			
					40 A	90880008C0	90880016C0	90880024C0			
				A	6 A	90880025C0	90880033C0	90880041C0	4	217	6
					10 A	90880026C0	90880034C0	90880042C0			
					13 A	90880027C0	90880035C0	90880043C0			
					16 A	90880028C0	90880036C0	90880044C0			
					20 A	90880029C0	90880037C0	90880045C0			
					25 A	90880030C0	90880038C0	90880046C0			
					32 A	90880031C0	90880039C0	90880047C0			
					40 A	90880032C0	90880040C0	90880048C0			
		10 kA	C	AC	6 A	90880049C0	90880057C0	90880065C0	4	217	6
					10 A	90880050C0	90880058C0	90880066C0			
					13 A	90880051C0	90880059C0	90880067C0			
					16 A	90880052C0	90880060C0	90880068C0			
					20 A	90880053C0	90880061C0	90880069C0			
					25 A	90880054C0	90880062C0	90880070C0			
					32 A	90880055C0	90880063C0	90880071C0			
					40 A	90880056C0	90880064C0	90880072C0			
				A	6 A	90880073C0	90880081C0	90880089C0	4	217	6
					10 A	90880074C0	90880082C0	90880090C0			
					13 A	90880075C0	90880083C0	90880091C0			
					16 A	90880076C0	90880084C0	90880092C0			
					20 A	90880077C0	90880085C0	90880093C0			
					25 A	90880078C0	90880086C0	90880094C0			
					32 A	90880079C0	90880087C0	90880095C0			
					40 A	90880080C0	90880088C0	90880096C0			
		10 kA	D	AC	6 A	90880097C0	90880105C0	90880113C0	4	217	6
					10 A	90880098C0	90880106C0	90880114C0			
					13 A	90880099C0	90880107C0	90880115C0			
					16 A	90880100C0	90880108C0	90880116C0			
					20 A	90880101C0	90880109C0	90880117C0			
					25 A	90880102C0	90880110C0	90880118C0			
					32 A	90880103C0	90880111C0	90880119C0			
					40 A	90880104C0	90880112C0	90880120C0			
				A	6 A	90880121C0	90880129C0	90880137C0	4	217	6
					10 A	90880122C0	90880130C0	90880138C0			
					13 A	90880123C0	90880131C0	90880139C0			
					16 A	90880124C0	90880132C0	90880140C0			
					20 A	90880125C0	90880133C0	90880141C0			
					25 A	90880126C0	90880134C0	90880142C0			
					32 A	90880127C0	90880135C0	90880143C0			
					40 A	90880128C0	90880136C0	90880144C0			

* 1 Width module = 9 mm

Order number

LB40H (6 – 40 A)

40 A RCBO (10 kA) LB40H □P+N □□□□



LB40H 3P+N C40
30 mA A-type

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
						30 mA	100 mA	300 mA			
3P+N	415 VAC	10 kA	B	AC	6 A	90880145C0	90880153C0	90880161C0	8	467	3
					10 A	90880146C0	90880154C0	90880162C0			
					13 A	90880147C0	90880155C0	90880163C0			
					16 A	90880148C0	90880156C0	90880164C0			
					20 A	90880149C0	90880157C0	90880165C0			
					25 A	90880150C0	90880158C0	90880166C0			
					32 A	90880151C0	90880159C0	90880167C0			
					40 A	90880152C0	90880160C0	90880168C0			
				A	6 A	90880169C0	90880177C0	90880185C0	8	467	3
					10 A	90880170C0	90880178C0	90880186C0			
					13 A	90880171C0	90880179C0	90880187C0			
					16 A	90880172C0	90880180C0	90880188C0			
					20 A	90880173C0	90880181C0	90880189C0			
					25 A	90880174C0	90880182C0	90880190C0			
					32 A	90880175C0	90880183C0	90880191C0			
					40 A	90880176C0	90880184C0	90880192C0			
		10 kA	C	AC	6 A	90880193C0	90880201C0	90880209C0	8	467	3
					10 A	90880194C0	90880202C0	90880210C0			
					13 A	90880195C0	90880203C0	90880211C0			
					16 A	90880196C0	90880204C0	90880212C0			
					20 A	90880197C0	90880205C0	90880213C0			
					25 A	90880198C0	90880206C0	90880214C0			
					32 A	90880199C0	90880207C0	90880215C0			
					40 A	90880200C0	90880208C0	90880216C0			
				A	6 A	90880217C0	90880225C0	90880233C0	8	467	3
					10 A	90880218C0	90880226C0	90880234C0			
					13 A	90880219C0	90880227C0	90880235C0			
					16 A	90880220C0	90880228C0	90880236C0			
					20 A	90880221C0	90880229C0	90880237C0			
					25 A	90880222C0	90880230C0	90880238C0			
					32 A	90880223C0	90880231C0	90880239C0			
					40 A	90880224C0	90880232C0	90880240C0			
		10 kA	D	AC	6 A	90880241C0	90880249C0	90880257C0	8	467	3
					10 A	90880242C0	90880250C0	90880258C0			
					13 A	90880243C0	90880251C0	90880259C0			
					16 A	90880244C0	90880252C0	90880260C0			
					20 A	90880245C0	90880253C0	90880261C0			
					25 A	90880246C0	90880254C0	90880262C0			
					32 A	90880247C0	90880255C0	90880263C0			
					40 A	90880248C0	90880256C0	90880264C0			
				A	6 A	90880265C0	90880273C0	90880281C0	8	467	3
					10 A	90880266C0	90880274C0	90880282C0			
					13 A	90880267C0	90880275C0	90880283C0			
					16 A	90880268C0	90880276C0	90880284C0			
					20 A	90880269C0	90880277C0	90880285C0			
					25 A	90880270C0	90880278C0	90880286C0			
					32 A	90880271C0	90880279C0	90880287C0			
					40 A	90880272C0	90880280C0	90880288C0			

* 1 Width module = 9 mm

LB40NB

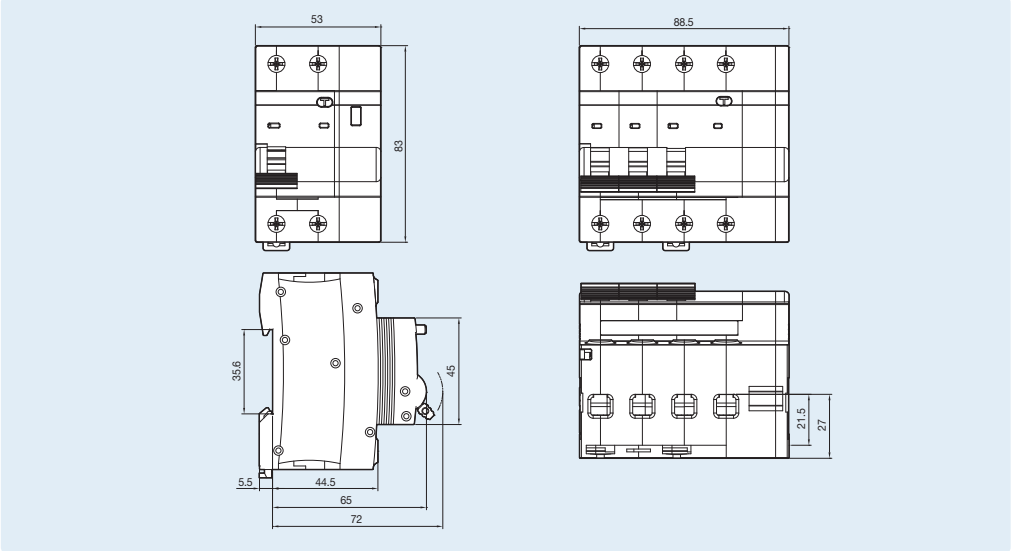
B type RCBO

Specifications



Type		LB40NB
Electrical Feature	Standards	IEC/EN 61009-1, 62423
	Approvals	CE, CB, UKCA, CCC
	Operation type	B
	Poles	1P+N, 3P+N
	Rated current (In)	6, 10, 13, 16, 20, 25, 32, 40 A
	Rated voltage (Ue)	1P+N: 240 VAC 3P+N: 415 VAC
	Insulation voltage (Ui)	500 V
	Frequency	50/60 Hz
	Energy limiting class	3 (Only for B/C curve)
	Rated impulse withstand voltage (Uimp)	4 kV
	Rated short-circuit breaking capacity (Icn)	6 kA
	Rated service breaking capacity (Ics)	6 kA
	Rated making capacity (Im)	4500 A
	Tripping curve	B, C, D
	Sensitivity (mA)	30, 100, 300
	Type of trip	Magnetic
	Residual current off-time	≤ 0.1 sec.
Mechanical Feature	Electrical durability	4000
	Mechanical durability	10000
	Protection degree	IP20
	Operating temperature	-25···60 °C
	Storage temperature	-40···80 °C
Installation	Type of terminal	Lug ternimal
	Terminal capacity	Cable up to 16 mm^2
	Tightening torque	1.2 N.m
	Mounting	35 mm Din Rail
Accessories	AX	LB-AX
	AL	LB-AL
	SHT	LB-SHT
	UVT/OVT	LB-U/OVT

Dimension



Order number

LB40NB (6 – 40 A)

B type RCBO LB40NB □P+N□□□□



LB40NB 1P+N C40
30 mA B-type



LB40NB 3P+N C40
30mA B-type

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
						30 mA	100 mA	300 mA			
1P+N	240 VAC	6 kA	B	B	6 A	90870001C0	90870009C0	90870017C0	6	250	4
					10 A	90870002C0	90870010C0	90870018C0			
					13 A	90870003C0	90870011C0	90870019C0			
					16 A	90870004C0	90870012C0	90870020C0			
					20 A	90870005C0	90870013C0	90870021C0			
					25 A	90870006C0	90870014C0	90870022C0			
					32 A	90870007C0	90870015C0	90870023C0			
					40 A	90870008C0	90870016C0	90870024C0			
			C		6 A	90870025C0	90870033C0	90870041C0	6	250	4
					10 A	90870026C0	90870034C0	90870042C0			
					13 A	90870027C0	90870035C0	90870043C0			
					16 A	90870028C0	90870036C0	90870044C0			
					20 A	90870029C0	90870037C0	90870045C0			
					25 A	90870030C0	90870038C0	90870046C0			
					32 A	90870031C0	90870039C0	90870047C0			
					40 A	90870032C0	90870040C0	90870048C0			
			D		6 A	90870049C0	90870057C0	90870065C0	6	250	4
					10 A	90870050C0	90870058C0	90870066C0			
					13 A	90870051C0	90870059C0	90870067C0			
					16 A	90870052C0	90870060C0	90870068C0			
					20 A	90870053C0	90870061C0	90870069C0			
					25 A	90870054C0	90870062C0	90870070C0			
					32 A	90870055C0	90870063C0	90870071C0			
					40 A	90870056C0	90870064C0	90870072C0			
3P+N	415 VAC	6 kA	B	B	6 A	90870073C0	90870081C0	90870089C0	12	500	2
					10 A	90870074C0	90870082C0	90870090C0			
					13 A	90870075C0	90870083C0	90870091C0			
					16 A	90870076C0	90870084C0	90870092C0			
					20 A	90870077C0	90870085C0	90870093C0			
					25 A	90870078C0	90870086C0	90870094C0			
					32 A	90870079C0	90870087C0	90870095C0			
					40 A	90870080C0	90870088C0	90870096C0			
			C		6 A	90870097C0	90870105C0	90870113C0	12	500	2
					10 A	90870098C0	90870106C0	90870114C0			
					13 A	90870099C0	90870107C0	90870115C0			
					16 A	90870100C0	90870108C0	90870116C0			
					20 A	90870101C0	90870109C0	90870117C0			
					25 A	90870102C0	90870110C0	90870118C0			
					32 A	90870103C0	90870111C0	90870119C0			
					40 A	90870104C0	90870112C0	90870120C0			
			D		6 A	90870121C0	90870129C0	90870137C0	12	500	2
					10 A	90870122C0	90870130C0	90870138C0			
					13 A	90870123C0	90870131C0	90870139C0			
					16 A	90870124C0	90870132C0	90870140C0			
					20 A	90870125C0	90870133C0	90870141C0			
					25 A	90870126C0	90870134C0	90870142C0			
					32 A	90870127C0	90870135C0	90870143C0			
					40 A	90870128C0	90870136C0	90870144C0			

* 1 Width module = 9 mm

LB63N

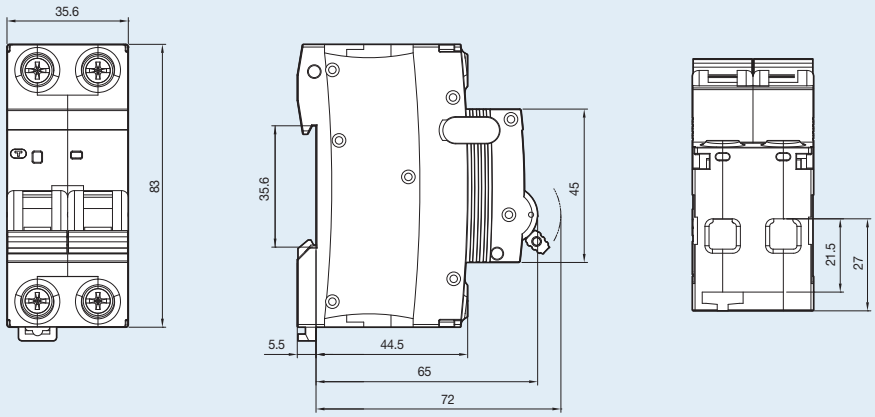
1P+N RCBO

Specifications



Type		LB63N
Electrical Feature	Standards	IEC/EN 61009-1
	Approvals	CE, CB, UKCA, CCC
	Operation type	AC, A
	Poles	1P+N
	Rated current (In)	6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A
	Rated voltage (Ue)	240 VAC
	Insulation voltage (Ui)	500 V
	Frequency	50/60 Hz
	Energy limiting class	3 (Only for B/C curve)
	Rated impulse withstand voltage (Uimp)	4 kV
	Rated short-circuit breaking capacity (Icn)	6 kA
	Rated service breaking capacity (Ics)	6 kA
	Rated making capacity (Im)	4500 A
	Tripping curve	B, C, D
	Sensitivity (mA)	30, 50, 100, 300
	Type of trip	Electronic
	Residual current off-time	≤ 0.1 sec.
Mechanical Feature	Electrical durability	4000
	Mechanical durability	10000
	Protection degree	IP20
	Operating temperature	-25···60 °C
	Storage temperature	-40···80 °C
Installation	Type of terminal	Lug ternimal
	Terminal capacity	Cable up to 25 mm^2
	Tightening torque	2 N.m
	Mounting	35 mm Din Rail
Accessories	AX	LA-AX
	AL	LA-AL
	SHT	LA-SHT
	UVT/OVT	LA-U/OVT

Dimension



Order number

LB63N (16 – 63 A)

1P+N RCBO LB63N 1P+N □□□□



LB63N 1P+N C63
30 mA A-type

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number				Width module	Weight (g)	Packing (pcs.)
						30 mA	50 mA	100 mA	300 mA			
1P+N	240 VAC	6 kA	B	AC	6 A	90900001C0	90900011C0	90900021C0	90900031C0	4	205	6
					10 A	90900002C0	90900012C0	90900022C0	90900032C0			
					13 A	90900003C0	90900013C0	90900023C0	90900033C0			
					16 A	90900004C0	90900014C0	90900024C0	90900034C0			
					20 A	90900005C0	90900015C0	90900025C0	90900035C0			
					25 A	90900006C0	90900016C0	90900026C0	90900036C0			
					32 A	90900007C0	90900017C0	90900027C0	90900037C0			
					40 A	90900008C0	90900018C0	90900028C0	90900038C0			
					50 A	90900009C0	90900019C0	90900029C0	90900039C0			
					63 A	90900010C0	90900020C0	90900030C0	90900040C0			
				A	6 A	90900041C0	90900051C0	90900061C0	90900071C0	4	205	6
					10 A	90900042C0	90900052C0	90900062C0	90900072C0			
					13 A	90900043C0	90900053C0	90900063C0	90900073C0			
					16 A	90900044C0	90900054C0	90900064C0	90900074C0			
					20 A	90900045C0	90900055C0	90900065C0	90900075C0			
					25 A	90900046C0	90900056C0	90900066C0	90900076C0			
					32 A	90900047C0	90900057C0	90900067C0	90900077C0			
					40 A	90900048C0	90900058C0	90900068C0	90900078C0			
					50 A	90900049C0	90900059C0	90900069C0	90900079C0			
					63 A	90900050C0	90900060C0	90900070C0	90900080C0			
	240 VAC	6 kA	C	AC	6 A	90900081C0	90900091C0	90900101C0	90900111C0	4	205	6
					10 A	90900082C0	90900092C0	90900102C0	90900112C0			
					13 A	90900083C0	90900093C0	90900103C0	90900113C0			
					16 A	90900084C0	90900094C0	90900104C0	90900114C0			
					20 A	90900085C0	90900095C0	90900105C0	90900115C0			
					25 A	90900086C0	90900096C0	90900106C0	90900116C0			
					32 A	90900087C0	90900097C0	90900107C0	90900117C0			
					40 A	90900088C0	90900098C0	90900108C0	90900118C0			
					50 A	90900089C0	90900099C0	90900109C0	90900119C0			
					63 A	90900090C0	90900100C0	90900110C0	90900120C0			
				A	6 A	90900121C0	90900131C0	90900141C0	90900151C0	4	205	6
					10 A	90900122C0	90900132C0	90900142C0	90900152C0			
					13 A	90900123C0	90900133C0	90900143C0	90900153C0			
					16 A	90900124C0	90900134C0	90900144C0	90900154C0			
					20 A	90900125C0	90900135C0	90900145C0	90900155C0			
					25 A	90900126C0	90900136C0	90900146C0	90900156C0			
					32 A	90900127C0	90900137C0	90900147C0	90900157C0			
					40 A	90900128C0	90900138C0	90900148C0	90900158C0			
					50 A	90900129C0	90900139C0	90900149C0	90900159C0			
					63 A	90900130C0	90900140C0	90900150C0	90900160C0			

* 1 Width module = 9 mm

Order number

LB63N (16 – 63 A)

1P+N RCBO LB63N 1P+N □□□□



LB63N 1P+N C63
30 mA A-type

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number				Width module	Weight (g)	Packing (pcs.)
						30 mA	50 mA	100 mA	300 mA			
1P+N	240 VAC	6 kA	D	AC	6 A	90900161C0	90900171C0	90900181C0	90900191C0	4	205	6
					10 A	90900162C0	90900172C0	90900182C0	90900192C0			
					13 A	90900163C0	90900173C0	90900183C0	90900193C0			
					16 A	90900164C0	90900174C0	90900184C0	90900194C0			
					20 A	90900165C0	90900175C0	90900185C0	90900195C0			
					25 A	90900166C0	90900176C0	90900186C0	90900196C0			
					32 A	90900167C0	90900177C0	90900187C0	90900197C0			
					40 A	90900168C0	90900178C0	90900188C0	90900198C0			
					50 A	90900169C0	90900179C0	90900189C0	90900199C0			
					63 A	90900170C0	90900180C0	90900190C0	90900200C0			
				A	6 A	90900201C0	90900211C0	90900221C0	90900231C0	4	205	6
					10 A	90900202C0	90900212C0	90900222C0	90900232C0			
					13 A	90900203C0	90900213C0	90900223C0	90900233C0			
					16 A	90900204C0	90900214C0	90900224C0	90900234C0			
					20 A	90900205C0	90900215C0	90900225C0	90900235C0			
					25 A	90900206C0	90900216C0	90900226C0	90900236C0			
					32 A	90900207C0	90900217C0	90900227C0	90900237C0			
					40 A	90900208C0	90900218C0	90900228C0	90900238C0			
					50 A	90900209C0	90900219C0	90900229C0	90900239C0			
					63 A	90900210C0	90900220C0	90900230C0	90900240C0			

* 1 Width module = 9 mm

LB63H

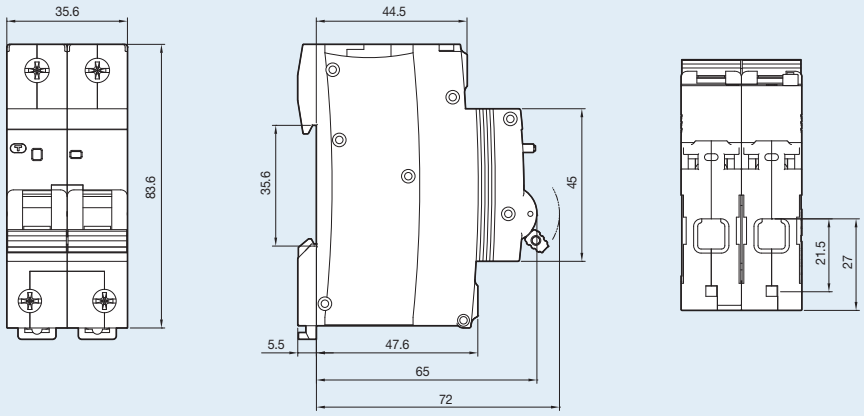
2 Pole RCBO

Specifications



Type		LB63H
Electrical Feature	Standards	IEC/EN 61009-1
	Approvals	CE, CB, UKCA, CCC
	Operation type	AC, A
	Poles	2P
	Rated current (In)	6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A
	Rated voltage (Ue)	240 VAC
	Insulation voltage (Ui)	500 V
	Frequency	50/60 Hz
	Energy limiting class	3 (Only for B/C curve)
	Rated impulse withstand voltage (Uimp)	4 kV
	Rated short-circuit breaking capacity (Icn)	10 kA
	Rated service breaking capacity (Ics)	7.5 kA
	Rated making capacity (Im)	6000 A
	Tripping curve	B, C, D
	Sensitivity (mA)	30, 50, 100, 300
	Type of trip	Electronic
	Residual current off-time	≤ 0.1 sec.
Mechanical Feature	Electrical durability	4000
	Mechanical durability	10000
	Protection degree	IP20
	Operating temperature	-25···60 °C
	Storage temperature	-40···80 °C
Installation	Type of terminal	Lug ternimal
	Terminal capacity	Cable up to 25 mm^2
	Tightening torque	2 N.m
	Mounting	35 mm Din Rail
Accessories	AX	-
	AL	-
	SHT	-
	UVT/OVT	-

Dimension



Order number



LB63H 2P C63
30mA A-type

LB63H (6 – 63 A)

2 pole RCBO LB63H 2P □□□□

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number				Width module	Weight (g)	Packing (pcs.)
						30 mA	50 mA	100 mA	300 mA			
2P	240 VAC	10 kA	B	AC	6 A	90910001C0	90910011C0	90910021C0	90910031C0	4	259	6
					10 A	90910002C0	90910012C0	90910022C0	90910032C0			
					13 A	90910003C0	90910013C0	90910023C0	90910033C0			
					16 A	90910004C0	90910014C0	90910024C0	90910034C0			
					20 A	90910005C0	90910015C0	90910025C0	90910035C0			
					25 A	90910006C0	90910016C0	90910026C0	90910036C0			
					32 A	90910007C0	90910017C0	90910027C0	90910037C0			
					40 A	90910008C0	90910018C0	90910028C0	90910038C0			
					50 A	90910009C0	90910019C0	90910029C0	90910039C0			
					63 A	90910010C0	90910020C0	90910030C0	90910040C0			
				A	6A	90910041C0	90910051C0	90910061C0	90910071C0	4	259	6
					10 A	90910042C0	90910052C0	90910062C0	90910072C0			
					13 A	90910043C0	90910053C0	90910063C0	90910073C0			
					16 A	90910044C0	90910054C0	90910064C0	90910074C0			
					20 A	90910045C0	90910055C0	90910065C0	90910075C0			
					25 A	90910046C0	90910056C0	90910066C0	90910076C0			
					32 A	90910047C0	90910057C0	90910067C0	90910077C0			
					40 A	90910048C0	90910058C0	90910068C0	90910078C0			
					50 A	90910049C0	90910059C0	90910069C0	90910079C0			
					63 A	90910050C0	90910060C0	90910070C0	90910080C0			
	240 VAC	10 kA	C	AC	6 A	90910081C0	90910091C0	90910101C0	90910111C0	4	259	6
					10 A	90910082C0	90910092C0	90910102C0	90910112C0			
					13 A	90910083C0	90910093C0	90910103C0	90910113C0			
					16 A	90910084C0	90910094C0	90910104C0	90910114C0			
					20 A	90910085C0	90910095C0	90910105C0	90910115C0			
					25 A	90910086C0	90910096C0	90910106C0	90910116C0			
					32 A	90910087C0	90910097C0	90910107C0	90910117C0			
					40 A	90910088C0	90910098C0	90910108C0	90910118C0			
					50 A	90910089C0	90910099C0	90910109C0	90910119C0			
					63 A	90910090C0	90910100C0	90910110C0	90910120C0			
				A	6 A	90910121C0	90910131C0	90910141C0	90910151C0	4	259	6
					10 A	90910122C0	90910132C0	90910142C0	90910152C0			
					13 A	90910123C0	90910133C0	90910143C0	90910153C0			
					16 A	90910124C0	90910134C0	90910144C0	90910154C0			
					20 A	90910125C0	90910135C0	90910145C0	90910155C0			
					25 A	90910126C0	90910136C0	90910146C0	90910156C0			
					32 A	90910127C0	90910137C0	90910147C0	90910157C0			
					40 A	90910128C0	90910138C0	90910148C0	90910158C0			
					50 A	90910129C0	90910139C0	90910149C0	90910159C0			
					63 A	90910130C0	90910140C0	90910150C0	90910160C0			

* 1 Width module = 9 mm

Order number

LB63H (6 – 63 A)

2 pole RCBO LB63H 2P □□□□



LB63H 2P C63
30 mA A-type

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number				Width module	Weight (g)	Packing (pcs.)
						30 mA	50 mA	100 mA	300 mA			
2P	240 VAC	10 kA	D	AC	6 A	90910161C0	90910171C0	90910181C0	90910191C0	4	259	6
					10 A	90910162C0	90910172C0	90910182C0	90910192C0			
					13 A	90910163C0	90910173C0	90910183C0	90910193C0			
					16 A	90910164C0	90910174C0	90910184C0	90910194C0			
					20 A	90910165C0	90910175C0	90910185C0	90910195C0			
					25 A	90910166C0	90910176C0	90910186C0	90910196C0			
					32 A	90910167C0	90910177C0	90910187C0	90910197C0			
					40 A	90910168C0	90910178C0	90910188C0	90910198C0			
					50 A	90910169C0	90910179C0	90910189C0	90910199C0			
					63 A	90910170C0	90910180C0	90910190C0	90910200C0			
				A	6 A	90910201C0	90910211C0	90910221C0	90910231C0	4	259	6
					10 A	90910202C0	90910212C0	90910222C0	90910232C0			
					13 A	90910203C0	90910213C0	90910223C0	90910233C0			
					16 A	90910204C0	90910214C0	90910224C0	90910234C0			
					20 A	90910205C0	90910215C0	90910225C0	90910235C0			
					25 A	90910206C0	90910216C0	90910226C0	90910236C0			
					32 A	90910207C0	90910217C0	90910227C0	90910237C0			
					40 A	90910208C0	90910218C0	90910228C0	90910238C0			
					50 A	90910209C0	90910219C0	90910229C0	90910239C0			
					63 A	90910210C0	90910220C0	90910230C0	90910240C0			

* 1 Width module = 9 mm

LB63H4

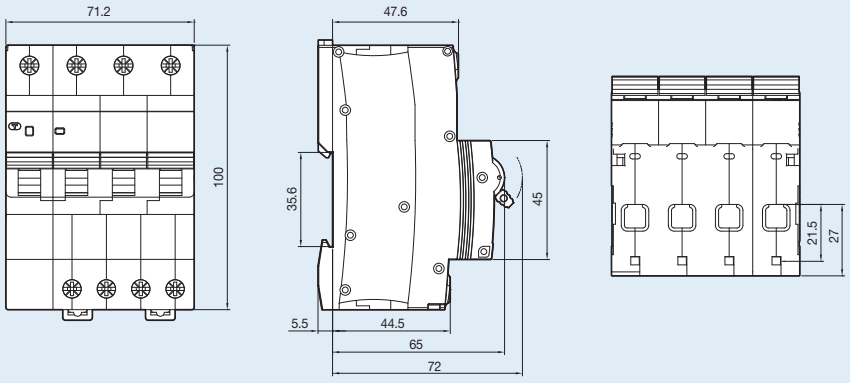
4 Pole RCBO

Specifications



Type		LB63H4
Electrical Feature	Standards	IEC/EN 61009-1
	Approvals	CE, CB, UKCA, CCC
	Operation type	AC, A
	Poles	4P
	Rated current (In)	6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A
	Rated voltage (Ue)	415 VAC
	Insulation voltage (Ui)	500 V
	Frequency	50/60 Hz
	Energy limiting class	3 (Only for B/C curve)
	Rated impulse withstand voltage (Uimp)	4 kV
	Rated short-circuit breaking capacity (Icn)	10 kA
	Rated service breaking capacity (Ics)	7.5 kA
	Rated making capacity (Im)	6000 A
	Tripping curve	B, C, D
	Sensitivity (mA)	30, 50, 100, 300
	Type of trip	Electronic
	Residual current off-time	≤ 0.1 sec.
Mechanical Feature	Electrical durability	4000
	Mechanical durability	10000
	Protection degree	IP20
	Operating temperature	-25···60 °C
	Storage temperature	-40···80 °C
Installation	Type of terminal	Lug ternimal
	Terminal capacity	Cable up to 25 mm^2
	Tightening torque	2 N.m
	Mounting	35 mm Din Rail
Accessories	AX	-
	AL	-
	SHT	-
	UVT/OVT	-

Dimension



Order number

LB63H4 (6 – 63 A)

4 pole RCBO LB63H4 4P □□□□



LB63H4 4P C63
30 mA A-type

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number 30 mA	50 mA	100 mA	300 mA	Width module	Weight (g)	Packing (pcs.)
4P	415 VAC	10 kA	B	AC	6 A	90920001C0	90920011C0	90920021C0	90920031C0	8	567	3
					10 A	90920002C0	90920012C0	90920022C0	90920032C0			
					13 A	90920003C0	90920013C0	90920023C0	90920033C0			
					16 A	90920004C0	90920014C0	90920024C0	90920034C0			
					20 A	90920005C0	90920015C0	90920025C0	90920035C0			
					25 A	90920006C0	90920016C0	90920026C0	90920036C0			
					32 A	90920007C0	90920017C0	90920027C0	90920037C0			
					40 A	90920008C0	90920018C0	90920028C0	90920038C0			
					50 A	90920009C0	90920019C0	90920029C0	90920039C0			
					63 A	90920010C0	90920020C0	90920030C0	90920040C0			
				A	6 A	90920041C0	90920051C0	90920061C0	90920071C0	8	567	3
					10 A	90920042C0	90920052C0	90920062C0	90920072C0			
					13 A	90920043C0	90920053C0	90920063C0	90920073C0			
					16 A	90920044C0	90920054C0	90920064C0	90920074C0			
					20 A	90920045C0	90920055C0	90920065C0	90920075C0			
					25 A	90920046C0	90920056C0	90920066C0	90920076C0			
					32 A	90920047C0	90920057C0	90920067C0	90920077C0			
					40 A	90920048C0	90920058C0	90920068C0	90920078C0			
					50 A	90920049C0	90920059C0	90920069C0	90920079C0			
					63 A	90920050C0	90920060C0	90920070C0	90920080C0			
	415 VAC	10 kA	C	AC	6 A	90920081C0	90920091C0	90920101C0	90920111C0	8	567	3
					10 A	90920082C0	90920092C0	90920102C0	90920112C0			
					13 A	90920083C0	90920093C0	90920103C0	90920113C0			
					16 A	90920084C0	90920094C0	90920104C0	90920114C0			
					20 A	90920085C0	90920095C0	90920105C0	90920115C0			
					25 A	90920086C0	90920096C0	90920106C0	90920116C0			
					32 A	90920087C0	90920097C0	90920107C0	90920117C0			
					40 A	90920088C0	90920098C0	90920108C0	90920118C0			
					50 A	90920089C0	90920099C0	90920109C0	90920119C0			
					63 A	90920090C0	90920100C0	90920110C0	90920120C0			
				A	6 A	90920121C0	90920131C0	90920141C0	90920151C0	8	567	3
					10 A	90920122C0	90920132C0	90920142C0	90920152C0			
					13 A	90920123C0	90920133C0	90920143C0	90920153C0			
					16 A	90920124C0	90920134C0	90920144C0	90920154C0			
					20 A	90920125C0	90920135C0	90920145C0	90920155C0			
					25 A	90920126C0	90920136C0	90920146C0	90920156C0			
					32 A	90920127C0	90920137C0	90920147C0	90920157C0			
					40 A	90920128C0	90920138C0	90920148C0	90920158C0			
					50 A	90920129C0	90920139C0	90920149C0	90920159C0			
					63 A	90920130C0	90920140C0	90920150C0	90920160C0			

* 1 Width module = 9 mm

Order number



LB63H4 4P C63
30 mA A-type

LB63H4 (6 – 63 A)

4 pole RCBO LB63H4 4P □□□□

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number				Width module	Weight (g)	Packing (pcs.)
						30 mA	50 mA	100 mA	300 mA			
4P	415 VAC	10 kA	D	AC	6 A	90920161C0	90920171C0	90920181C0	90920191C0	8	567	3
					10 A	90920162C0	90920172C0	90920182C0	90920192C0			
					13 A	90920163C0	90920173C0	90920183C0	90920193C0			
					16 A	90920164C0	90920174C0	90920184C0	90920194C0			
					20 A	90920165C0	90920175C0	90920185C0	90920195C0			
					25 A	90920166C0	90920176C0	90920186C0	90920196C0			
					32 A	90920167C0	90920177C0	90920187C0	90920197C0			
					40 A	90920168C0	90920178C0	90920188C0	90920198C0			
					50 A	90920169C0	90920179C0	90920189C0	90920199C0			
					63 A	90920170C0	90920180C0	90920190C0	90920200C0			
				A	6 A	90920201C0	90920211C0	90920221C0	90920231C0	8	567	3
					10 A	90920202C0	90920212C0	90920222C0	90920232C0			
					13 A	90920203C0	90920213C0	90920223C0	90920233C0			
					16 A	90920204C0	90920214C0	90920224C0	90920234C0			
					20 A	90920205C0	90920215C0	90920225C0	90920235C0			
					25 A	90920206C0	90920216C0	90920226C0	90920236C0			
					32 A	90920207C0	90920217C0	90920227C0	90920237C0			
					40 A	90920208C0	90920218C0	90920228C0	90920238C0			
					50 A	90920209C0	90920219C0	90920229C0	90920239C0			
					63 A	90920210C0	90920220C0	90920230C0	90920240C0			

* 1 Width module = 9 mm

LB50HW

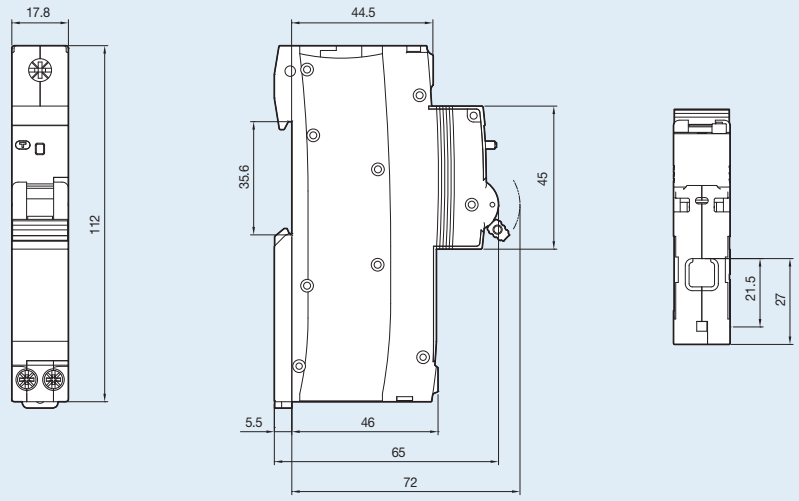
1P+N RCBO with connection wire

Specifications



Type		LB50HW
Electrical Feature	Standards	IEC/EN 61009-1
	Approvals	CE, CB, UKCA
	Operation type	AC, A
	Poles	1P+N
	Rated current (In)	6, 10, 13, 16, 20, 25, 32, 40, 50 A
	Rated voltage (Ue)	230/240 VAC
	Insulation voltage (Ui)	500 V
	Frequency	50/60 Hz
	Energy limiting class	3 (Only for B/C curve)
	Rated impulse withstand voltage (Uimp)	4 kV
	Rated short-circuit breaking capacity (Icn)	10 kA
	Rated service breaking capacity (Ics)	7.5 kA
	Rated making capacity (Im)	6000 A
	Tripping curve	B, C, D
	Sensitivity (mA)	10, 30, 100, 300
	Type of trip	Electronic
	Residual current off-time	≤ 0.1 sec.
Mechanical Feature	Electrical durability	4000
	Mechanical durability	10000
	Protection degree	IP20
	Operating temperature	-25···60 °C
	Storage temperature	-40···80 °C
Installation	Type of terminal	Lug ternimal
	Terminal capacity	Cable up to 25 mm^2
	Tightening torque	Line: 2 N.m, Load: 1.2 N.m
	Mounting	35 mm Din Rail
Accessories	AX	-
	AL	-
	SHT	-
	UVT/OVT	-

Dimension



Order number

LB50HW (6 – 50 A)

1P+N RCBO with connection wire LB50HW 1P+N □□□□



LB50HW 1P+N C50
10 mA A-type

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number 10 mA	30 mA	100 mA	300 mA	Width module	Weight (g)	Packing (pcs.)
1P+N	230/240 VAC	10 kA	B	AC	6 A	90890001C0	90890010C0	90890019C0	90890028C0	2	234	1
					10 A	90890002C0	90890011C0	90890020C0	90890029C0			
					13 A	90890003C0	90890012C0	90890021C0	90890030C0			
					16 A	90890004C0	90890013C0	90890022C0	90890031C0			
					20 A	90890005C0	90890014C0	90890023C0	90890032C0			
					25 A	90890006C0	90890015C0	90890024C0	90890033C0			
					32 A	90890007C0	90890016C0	90890025C0	90890034C0			
					40 A	90890008C0	90890017C0	90890026C0	90890035C0			
					50 A	90890009C0	90890018C0	90890027C0	90890036C0			
				A	6 A	90890037C0	90890046C0	90890055C0	90890064C0	2	234	1
					10 A	90890038C0	90890047C0	90890056C0	90890065C0			
					13 A	90890039C0	90890048C0	90890057C0	90890066C0			
					16 A	90890040C0	90890049C0	90890058C0	90890067C0			
					20 A	90890041C0	90890050C0	90890059C0	90890068C0			
					25 A	90890042C0	90890051C0	90890060C0	90890069C0			
					32 A	90890043C0	90890052C0	90890061C0	90890070C0			
					40 A	90890044C0	90890053C0	90890062C0	90890071C0			
					50 A	90890045C0	90890054C0	90890063C0	90890072C0			
	230/240 VAC	10 kA	C	AC	6 A	90890073C0	90890082C0	90890091C0	90890100C0	2	234	1
					10 A	90890074C0	90890083C0	90890092C0	90890101C0			
					13 A	90890075C0	90890084C0	90890093C0	90890102C0			
					16 A	90890076C0	90890085C0	90890094C0	90890103C0			
					20 A	90890077C0	90890086C0	90890095C0	90890104C0			
					25 A	90890078C0	90890087C0	90890096C0	90890105C0			
					32 A	90890079C0	90890088C0	90890097C0	90890106C0			
					40 A	90890080C0	90890089C0	90890098C0	90890107C0			
					50 A	90890081C0	90890090C0	90890099C0	90890108C0			
				A	6 A	90890109C0	90890118C0	90890127C0	90890136C0	2	234	1
					10 A	90890110C0	90890119C0	90890128C0	90890137C0			
					13 A	90890111C0	90890120C0	90890129C0	90890138C0			
					16 A	90890112C0	90890121C0	90890130C0	90890139C0			
					20 A	90890113C0	90890122C0	90890131C0	90890140C0			
					25 A	90890114C0	90890123C0	90890132C0	90890141C0			
					32 A	90890115C0	90890124C0	90890133C0	90890142C0			
					40 A	90890116C0	90890125C0	90890134C0	90890143C0			
					50 A	90890117C0	90890126C0	90890135C0	90890144C0			

* 1 Width module = 9 mm

Order number

LB50HW (6 – 50 A)

1P+N RCBO with connection wire LB50HW 1P+N □□□□



LB50HW 1P+N C50
10 mA A-type

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number				Width module	Weight (g)	Packing (pcs.)
						10 mA	30 mA	100 mA	300 mA			
1P+N	230/240 VAC	10 kA	D	AC	6 A	90890145C0	90890154C0	90890163C0	90890172C0	2	234	1
					10 A	90890146C0	90890155C0	90890164C0	90890173C0			
					13 A	90890147C0	90890156C0	90890165C0	90890174C0			
					16 A	90890148C0	90890157C0	90890166C0	90890175C0			
					20 A	90890149C0	90890158C0	90890167C0	90890176C0			
					25 A	90890150C0	90890159C0	90890168C0	90890177C0			
					32 A	90890151C0	90890160C0	90890169C0	90890178C0			
					40 A	90890152C0	90890161C0	90890170C0	90890179C0			
					50 A	90890153C0	90890162C0	90890171C0	90890180C0			
				A	6 A	90890181C0	90890190C0	90890199C0	90890208C0	2	234	1
					10 A	90890182C0	90890191C0	90890200C0	90890209C0			
					13 A	90890183C0	90890192C0	90890201C0	90890210C0			
					16 A	90890184C0	90890193C0	90890202C0	90890211C0			
					20 A	90890185C0	90890194C0	90890203C0	90890212C0			
					25 A	90890186C0	90890195C0	90890204C0	90890213C0			
					32 A	90890187C0	90890196C0	90890205C0	90890214C0			
					40 A	90890188C0	90890197C0	90890206C0	90890215C0			
					50 A	90890189C0	90890198C0	90890207C0	90890216C0			

* 1 Width module = 9 mm

LB63HW

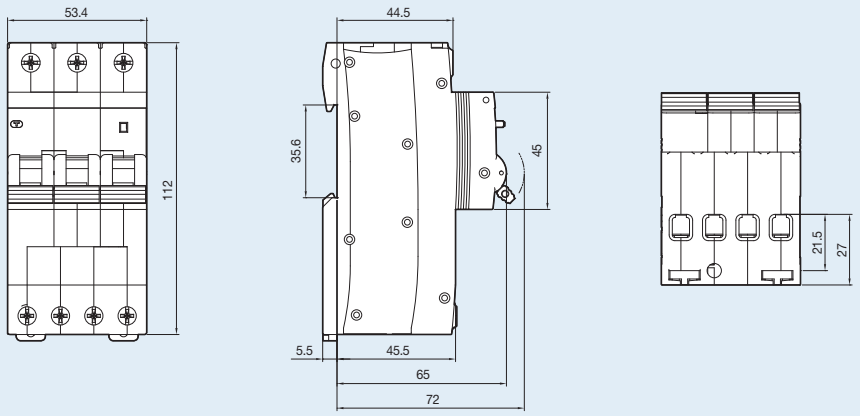
3P+N RCBO with connection wire

Specifications



Type		LB63HW
Electrical Feature	Standards	IEC/EN 61009-1
	Approvals	CE, CB, UKCA
	Operation type	AC, A
	Poles	3P+N
	Rated current (In)	6, 10, 13, 16, 20, 25, 32, 40, 50, 63 A
	Rated voltage (Ue)	400/415 VAC
	Insulation voltage (Ui)	500 V
	Frequency	50/60 Hz
	Energy limiting class	3 (Only for B/C curve)
	Rated impulse withstand voltage (Uimp)	4 kV
	Rated short-circuit breaking capacity (Icn)	10 kA
	Rated service breaking capacity (Ics)	7.5 kA
	Rated making capacity (Im)	6000 A
	Tripping curve	B, C, D
	Sensitivity (mA)	10, 30, 100, 300
	Type of trip	Electronic
	Residual current off-time	≤ 0.1 sec.
Mechanical Feature	Electrical durability	4000
	Mechanical durability	10000
	Protection degree	IP20
	Operating temperature	-25···60 °C
	Storage temperature	-40···80 °C
Installation	Type of terminal	Lug ternimal
	Terminal capacity	Cable up to 25 mm^2
	Tightening torque	2 N.m
	Mounting	35 mm Din Rail
Accessories	AX	-
	AL	-
	SHT	-
	UVT/OVT	-

Dimension



Order number

LB63HW (6 – 63 A)

3P+N RCBO with connection wire LB63HW 3P+N □□□□



LB63HW 3P+N C63

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number 10 mA	30 mA	100 mA	300 mA	Width module	Weight (g)	Packing (pcs.)
3P+N	400/415 VAC	10 kA	B	AC	6 A	90930001C0	90930011C0	90930021C0	90930031C0	6	513	1
					10 A	90930002C0	90930012C0	90930022C0	90930032C0			
					13 A	90930003C0	90930013C0	90930023C0	90930033C0			
					16 A	90930004C0	90930014C0	90930024C0	90930034C0			
					20 A	90930005C0	90930015C0	90930025C0	90930035C0			
					25 A	90930006C0	90930016C0	90930026C0	90930036C0			
					32 A	90930007C0	90930017C0	90930027C0	90930037C0			
					40 A	90930008C0	90930018C0	90930028C0	90930038C0			
					50 A	90930009C0	90930019C0	90930029C0	90930039C0			
					63 A	90930010C0	90930020C0	90930030C0	90930040C0			
				A	6 A	90930041C0	90930051C0	90930061C0	90930071C0	6	513	1
					10 A	90930042C0	90930052C0	90930062C0	90930072C0			
					13 A	90930043C0	90930053C0	90930063C0	90930073C0			
					16 A	90930044C0	90930054C0	90930064C0	90930074C0			
					20 A	90930045C0	90930055C0	90930065C0	90930075C0			
					25 A	90930046C0	90930056C0	90930066C0	90930076C0			
					32 A	90930047C0	90930057C0	90930067C0	90930077C0			
					40 A	90930048C0	90930058C0	90930068C0	90930078C0			
					50 A	90930049C0	90930059C0	90930069C0	90930079C0			
					63 A	90930050C0	90930060C0	90930070C0	90930080C0			
	400/415 VAC	10 kA	C	AC	6 A	90930081C0	90930091C0	90930101C0	90930111C0	6	513	1
					10 A	90930082C0	90930092C0	90930102C0	90930112C0			
					13 A	90930083C0	90930093C0	90930103C0	90930113C0			
					16 A	90930084C0	90930094C0	90930104C0	90930114C0			
					20 A	90930085C0	90930095C0	90930105C0	90930115C0			
					25 A	90930086C0	90930096C0	90930106C0	90930116C0			
					32 A	90930087C0	90930097C0	90930107C0	90930117C0			
					40 A	90930088C0	90930098C0	90930108C0	90930118C0			
					50 A	90930089C0	90930099C0	90930109C0	90930119C0			
					63 A	90930090C0	90930100C0	90930110C0	90930120C0			
				A	6 A	90930121C0	90930131C0	90930141C0	90930151C0	6	513	1
					10 A	90930122C0	90930132C0	90930142C0	90930152C0			
					13 A	90930123C0	90930133C0	90930143C0	90930153C0			
					16 A	90930124C0	90930134C0	90930144C0	90930154C0			
					20 A	90930125C0	90930135C0	90930145C0	90930155C0			
					25 A	90930126C0	90930136C0	90930146C0	90930156C0			
					32 A	90930127C0	90930137C0	90930147C0	90930157C0			
					40 A	90930128C0	90930138C0	90930148C0	90930158C0			
					50 A	90930129C0	90930139C0	90930149C0	90930159C0			
					63 A	90930130C0	90930140C0	90930150C0	90930160C0			

* 1 Width module = 9 mm

Order number

LB63HW (6 – 63 A)

3P+N RCBO with connection wire LB63HW 3P+N □□□□



LB63HW 3P+N C63

Type	Ue (V)	Breaking Capacity	Trip Curve	Operation Type	In (A)	Order Number				Width module	Weight (g)	Packing (pcs.)
						10 mA	30 mA	100 mA	300 mA			
3P+N	400/ 415 VAC	10 kA	D	AC	6 A	90930161C0	90930171C0	90930181C0	90930191C0	6	513	1
					10 A	90930162C0	90930172C0	90930182C0	90930192C0			
					13 A	90930163C0	90930173C0	90930183C0	90930193C0			
					16 A	90930164C0	90930174C0	90930184C0	90930194C0			
					20 A	90930165C0	90930175C0	90930185C0	90930195C0			
					25 A	90930166C0	90930176C0	90930186C0	90930196C0			
					32 A	90930167C0	90930177C0	90930187C0	90930197C0			
					40 A	90930168C0	90930178C0	90930188C0	90930198C0			
					50 A	90930169C0	90930179C0	90930189C0	90930199C0			
					63 A	90930170C0	90930180C0	90930190C0	90930200C0			
				A	6 A	90930201C0	90930211C0	90930221C0	90930231C0	6	513	1
					10 A	90930202C0	90930212C0	90930222C0	90930232C0			
					13 A	90930203C0	90930213C0	90930223C0	90930233C0			
					16 A	90930204C0	90930214C0	90930224C0	90930234C0			
					20 A	90930205C0	90930215C0	90930225C0	90930235C0			
					25 A	90930206C0	90930216C0	90930226C0	90930236C0			
					32 A	90930207C0	90930217C0	90930227C0	90930237C0			
					40 A	90930208C0	90930218C0	90930228C0	90930238C0			
					50 A	90930209C0	90930219C0	90930229C0	90930239C0			
					63 A	90930210C0	90930220C0	90930230C0	90930240C0			

* 1 Width module = 9 mm

LC63N/LC63NR

63 A RCCB

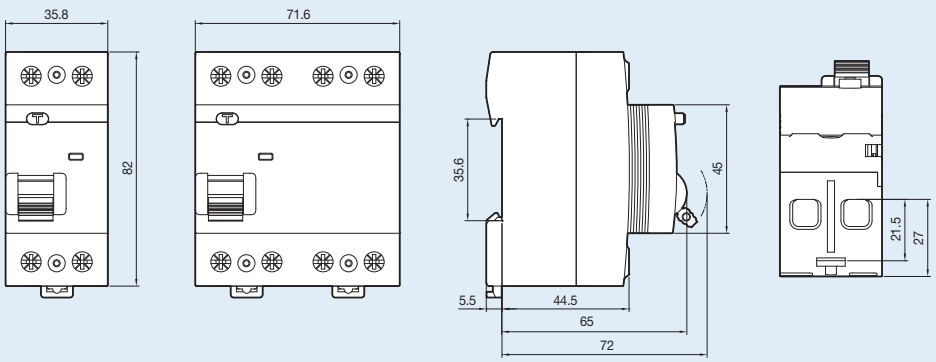
Specifications



Type		LC63N *	LC63NR *
Electrical Feature	Standards	IEC/EN 61008-1	IEC/EN 61008-1
	Approvals	CE, CB, UKCA, CCC	CE, CB, UKCA, CCC
	Operation type	AC, A	AC, A
	Poles	1P+N, 3P+N	1P+N, 3P+N
	Rated current (In)	16, 25, 32, 40, 50, 63 A	16, 25, 32, 40, 50, 63 A
	Rated voltage (Ue)	1P+N: 240 VAC/3P+N: 415 VAC	1P+N: 240 VAC/3P+N: 415 VAC
	Insulation voltage (Ui)	500 V	500 V
	Frequency	50/60 Hz	50/60 Hz
	Energy limiting class	-	-
	Rated impulse withstand voltage (Uimp)	4 kV	4 kV
	Rated short-circuit breaking capacity (Icn)	-	-
	Rated conditional short-circuit current (Inc)	6 kA	6 kA
	Rated making capacity (Im)	500 A for In=16, 25, 32, 40, 50 A 630 A for In=63 A	500 A for In=16, 25, 32, 40, 50 A 630 A for In=63 A
	Tripping curve	-	-
	Sensitivity (mA)	30, 100, 300	30, 100, 300
	Type of trip	Magnetic	Magnetic
	Residual current off-time	≤ 0.1 sec.	≤ 0.1 sec.
Mechanical Feature	Electrical durability	4000	4000
	Mechanical durability	10000	10000
	Protection degree	IP20	IP20
	Operating temperature	-25···60 °C	-25···60 °C
	Storage temperature	-40···80 °C	-40···80 °C
Installation	Type of terminal	Lug ternimal	Lug ternimal
	Terminal capacity	Cable up to 25 mm^2	Cable up to 25 mm^2
	Tightening torque	2 N.m	2 N.m
	Mounting	35 mm Din Rail	35 mm Din Rail
Accessories	AX	LC-AX	LC-AX
	AL	LC-AL	LC-AL
	SHT	LC-SHT	LC-SHT
	UVT/OVT	LC-U/OVT	LC-U/OVT

* LC63N's neutral is on the left of RCCB and LC63NR's neutral is on the right of RCCB

Dimension



Order number

LC63N (16 – 63 A)

63 A RCCB LC63N □P+N □□□



LC63N 1P+N 63
30mA A-type



LC63N 3P+N 63
30mA A-type

Type	Ue (V)	Operation Type	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				30 mA	100 mA	30 0mA			
1P+N	240 VAC	AC	16 A	90820001C0	90820007C0	90820013C0	4	196	6
			25 A	90820002C0	90820008C0	90820014C0			
			32 A	90820003C0	90820009C0	90820015C0			
			40 A	90820004C0	90820010C0	90820016C0			
			50 A	90820005C0	90820011C0	90820017C0			
			63 A	90820006C0	90820012C0	90820018C0			
	240 VAC	A	16 A	90820019C0	90820025C0	90820031C0	4	196	6
			25 A	90820020C0	90820026C0	90820032C0			
			32 A	90820021C0	90820027C0	90820033C0			
			40 A	90820022C0	90820028C0	90820034C0			
			50 A	90820023C0	90820029C0	90820035C0			
			63 A	90820024C0	90820030C0	90820036C0			
3P+N	415 VAC	AC	16 A	90820037C0	90820043C0	90820049C0	8	323	3
			25 A	90820038C0	90820044C0	90820050C0			
			32 A	90820039C0	90820045C0	90820051C0			
			40 A	90820040C0	90820046C0	90820052C0			
			50 A	90820041C0	90820047C0	90820053C0			
			63 A	90820042C0	90820048C0	90820054C0			
	415 VAC	A	16 A	90820055C0	90820061C0	90820067C0	8	323	3
			25 A	90820056C0	90820062C0	90820068C0			
			32 A	90820057C0	90820063C0	90820069C0			
			40 A	90820058C0	90820064C0	90820070C0			
			50 A	90820059C0	90820065C0	90820071C0			
			63 A	90820060C0	90820066C0	90820072C0			

* 1 Width module = 9 mm

Order number

LC63NR (16 – 63 A)

63 A RCCB LC63NR □P+N □□□



LC63NR 1P+N 63
30 mA A-type



LC63NR 3P+N 63
30 mA A-type

Type	Ue (V)	Operation Type	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				30 mA	100 mA	300 mA			
1P+N	240 VAC	AC	16 A	90820073C0	90820079C0	90820085C0	4	196	6
			25 A	90820074C0	90820080C0	90820086C0			
			32 A	90820075C0	90820081C0	90820087C0			
			40 A	90820076C0	90820082C0	90820088C0			
			50 A	90820077C0	90820083C0	90820089C0			
			63 A	90820078C0	90820084C0	90820090C0			
	240 VAC	A	16 A	90820091C0	90820097C0	90820103C0	4	196	6
			25 A	90820092C0	90820098C0	90820104C0			
			32 A	90820093C0	90820099C0	90820105C0			
			40 A	90820094C0	90820100C0	90820106C0			
			50 A	90820095C0	90820101C0	90820107C0			
			63 A	90820096C0	90820102C0	90820108C0			
3P+N	415 VAC	AC	16 A	90820109C0	90820115C0	90820121C0	8	323	3
			25 A	90820110C0	90820116C0	90820122C0			
			32 A	90820111C0	90820117C0	90820123C0			
			40 A	90820112C0	90820118C0	90820124C0			
			50 A	90820113C0	90820119C0	90820125C0			
			63 A	90820114C0	90820120C0	90820126C0			
	415 VAC	A	16 A	90820127C0	90820133C0	90820139C0	8	323	3
			25 A	90820128C0	90820134C0	90820140C0			
			32 A	90820129C0	90820135C0	90820141C0			
			40 A	90820130C0	90820136C0	90820142C0			
			50 A	90820131C0	90820137C0	90820143C0			
			63 A	90820132C0	90820138C0	90820144C0			

* 1 Width module = 9 mm

LC100H/LC100HR

100 A RCCB

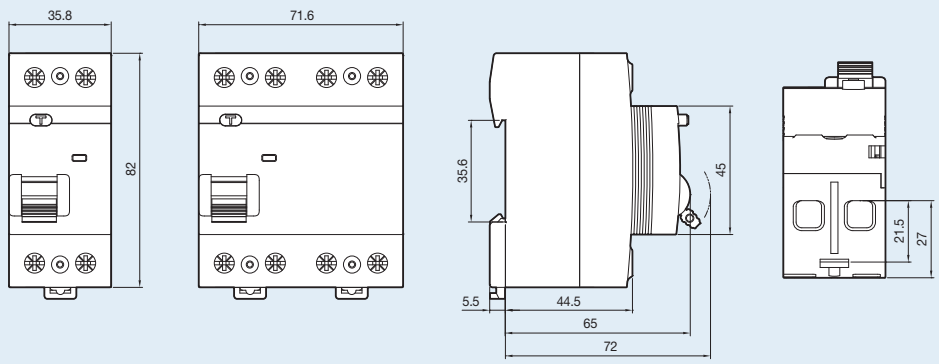
Specifications



Type		LC100H *	LC100HR *
Electrical Feature	Standards	IEC/EN 61008-1	IEC/EN 61008-1
	Approvals	CE, CB, UKCA, CCC	CE, CB, UKCA, CCC
	Operation type	AC, A, AC(S), A(S) **	AC, A, AC(S), A(S) **
	Poles	1P+N, 3P+N	1P+N, 3P+N
	Rated current (In)	16, 25, 32, 40, 50, 63, 80, 100 A	16, 25, 32, 40, 50, 63, 80, 100 A
	Rated voltage (Ue)	1P+N: 240 VAC/3P+N: 415 VAC	1P+N: 240 VAC/3P+N: 415 VAC
	Insulation voltage (Ui)	500 V	500 V
	Frequency	50/60 Hz	50/60 Hz
	Energy limiting class	-	-
	Rated impulse withstand voltage (Uimp)	4 kV	4 kV
	Rated short-circuit breaking capacity (Icn)	-	-
	Rated conditional short-circuit current (Inc)	10 kA	10 kA
	Rated making capacity (Im)	500 A for In=16, 25, 32, 40, 50 A 630 A for In=63 A 800 A for In=80 A 1000 A for In=100 A	500 A for In=16, 25, 32, 40, 50 A 630 A for In=63 A 800 A for In=80 A 1000 A for In=100 A
	Tripping curve	-	-
	Sensitivity (mA)	30, 100, 300	30, 100, 300
	Type of trip	Magnetic	Magnetic
	Residual current off-time	≤ 0.1 sec.	≤0.1 sec.
Mechanical Feature	Electrical durability	4000	4000
	Mechanical durability	10000	10000
	Protection degree	IP20	IP20
	Operating temperature	-25⋯60 °C	-25⋯60 °C
	Storage temperature	-40⋯80 °C	-40⋯80 °C
Installation	Type of terminal	Lug ternimal	Lug ternimal
	Terminal capacity	Cable up to 50 mm^2	Cable up to 50 mm^2
	Tightening torque	3.5 N.m	3.5 N.m
	Mounting	35 mm Din Rail	35 mm Din Rail
Accessories	AX	LC-AX	LC-AX
	AL	LC-AL	LC-AL
	SHT	LC-SHT	LC-SHT
	UVT/OVT	LC-U/OVT	LC-U/OVT

* LC100H's neutral is on the left of RCCB and LC100HR's neutral is on the right of RCCB
** AC (S), A (S) is Earth-leakage protection time delayed product
AC (S), A (S) is just available for 40 – 100 A rated current and 100/300 mA rated sensitivity

Dimension



Order number

LC100H (16 – 100 A)

100 A RCCB LC100H □P+N □□□



LC100H 1P+N 100
30 mA A-type



LC100H 3P+N 100
30 mA A-type

Type	Ue (V)	Operation Type	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				30 mA	100 mA	300 mA			
1P+N	240 VAC	AC	16 A	90840001C0	90840009C0	90840017C0	4	225	6
			25 A	90840002C0	90840010C0	90840018C0			
			32 A	90840003C0	90840011C0	90840019C0			
			40 A	90840004C0	90840012C0	90840020C0			
			50 A	90840005C0	90840013C0	90840021C0			
			63 A	90840006C0	90840014C0	90840022C0			
			80 A	90840007C0	90840015C0	90840023C0			
			100 A	90840008C0	90840016C0	90840024C0			
		AC (S)	40 A	-	90840025C0	90840029C0	4	225	6
			63 A	-	90840026C0	90840030C0			
			80 A	-	90840027C0	90840031C0			
			100 A	-	90840028C0	90840032C0			
		A	16 A	90840033C0	90840041C0	90840049C0	4	225	6
			25 A	90840034C0	90840042C0	90840050C0			
			32 A	90840035C0	90840043C0	90840051C0			
			40 A	90840036C0	90840044C0	90840052C0			
			50 A	90840037C0	90840045C0	90840053C0			
			63 A	90840038C0	90840046C0	90840054C0			
			80 A	90840039C0	90840047C0	90840055C0			
			100 A	90840040C0	90840048C0	90840056C0			
		A (S)	40 A	-	90840057C0	90840061C0	4	225	6
			63 A	-	90840058C0	90840062C0			
			80 A	-	90840059C0	90840063C0			
			100 A	-	90840060C0	90840064C0			
3P+N	415 VAC	AC	16 A	90840065C0	90840073C0	90840081C0	8	380	3
			25 A	90840066C0	90840074C0	90840082C0			
			32 A	90840067C0	90840075C0	90840083C0			
			40 A	90840068C0	90840076C0	90840084C0			
			50 A	90840069C0	90840077C0	90840085C0			
			63 A	90840070C0	90840078C0	90840086C0			
			80 A	90840071C0	90840079C0	90840087C0			
			100 A	90840072C0	90840080C0	90840088C0			
		AC (S)	40 A	-	90840089C0	90840093C0	8	380	3
			63 A	-	90840090C0	90840094C0			
			80 A	-	90840091C0	90840095C0			
			100 A	-	90840092C0	90840096C0			
		A	16 A	90840097C0	90840105C0	90840113C0	8	380	3
			25 A	90840098C0	90840106C0	90840114C0			
			32 A	90840099C0	90840107C0	90840115C0			
			40 A	90840100C0	90840108C0	90840116C0			
			50 A	90840101C0	90840109C0	90840117C0			
			63 A	90840102C0	90840110C0	90840118C0			
			80 A	90840103C0	90840111C0	90840119C0			
			100 A	90840104C0	90840112C0	90840120C0			
		A (S)	40 A	-	90840121C0	90840125C0	8	380	3
			63 A	-	90840122C0	90840126C0			
			80 A	-	90840123C0	90840127C0			
			100 A	-	90840124C0	90840128C0			

* 1 Width module = 9 mm

Order number



LC100HR 1P+N 100
30 mA A-type



LC100HR 3P+N 100
30 mA A-type

LC100HR (16 – 100 A)

100 A RCCB LC100HR □P+N □□□

Type	Ue (V)	Operation Type	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				30 mA	100 mA	300 mA			
1P+N	240 VAC	AC	16 A	90840129C0	90840137C0	90840145C0	4	225	6
			25 A	90840130C0	90840138C0	90840146C0			
			32 A	90840131C0	90840139C0	90840147C0			
			40 A	90840132C0	90840140C0	90840148C0			
			50 A	90840133C0	90840141C0	90840149C0			
			63 A	90840134C0	90840142C0	90840150C0			
			80 A	90840135C0	90840143C0	90840151C0			
			100 A	90840136C0	90840144C0	90840152C0			
		AC (S)	40 A	-	90840153C0	90840157C0	4	225	6
			63 A	-	90840154C0	90840158C0			
			80 A	-	90840155C0	90840159C0			
			100 A	-	90840156C0	90840160C0			
		A	16 A	90840161C0	90840169C0	90840177C0	4	225	6
			25 A	90840162C0	90840170C0	90840178C0			
			32 A	90840163C0	90840171C0	90840179C0			
			40 A	90840164C0	90840172C0	90840180C0			
			50 A	90840165C0	90840173C0	90840181C0			
			63 A	90840166C0	90840174C0	90840182C0			
			80 A	90840167C0	90840175C0	90840183C0			
			100 A	90840168C0	90840176C0	90840184C0			
		A (S)	40 A	-	90840185C0	90840189C0	4	225	6
			63 A	-	90840186C0	90840190C0			
			80 A	-	90840187C0	90840191C0			
			100 A	-	90840188C0	90840192C0			
3P+N	415 VAC	AC	16 A	90840193C0	90840201C0	90840209C0	8	380	3
			25 A	90840194C0	90840202C0	90840210C0			
			32 A	90840195C0	90840203C0	90840211C0			
			40 A	90840196C0	90840204C0	90840212C0			
			50 A	90840197C0	90840205C0	90840213C0			
			63 A	90840198C0	90840206C0	90840214C0			
			80 A	90840199C0	90840207C0	90840215C0			
			100 A	90840200C0	90840208C0	90840216C0			
		AC (S)	40 A	-	90840217C0	90840221C0	8	380	3
			63 A	-	90840218C0	90840222C0			
			80 A	-	90840219C0	90840223C0			
			100 A	-	90840220C0	90840224C0			
		A	16 A	90840225C0	90840233C0	90840241C0	8	380	3
			25 A	90840226C0	90840234C0	90840242C0			
			32 A	90840227C0	90840235C0	90840243C0			
			40 A	90840228C0	90840236C0	90840244C0			
			50 A	90840229C0	90840237C0	90840245C0			
			63 A	90840230C0	90840238C0	90840246C0			
			80 A	90840231C0	90840239C0	90840247C0			
			100 A	90840232C0	90840240C0	90840248C0			
		A (S)	40 A	-	90840249C0	90840253C0	8	380	3
			63 A	-	90840250C0	90840254C0			
			80 A	-	90840251C0	90840255C0			
			100 A	-	90840252C0	90840256C0			

* 1 Width module = 9 mm

LC80HB

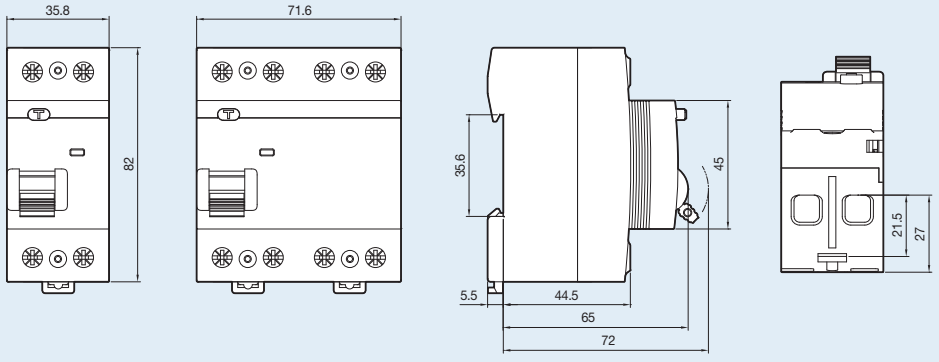
B type RCCB

Specifications



Type		LC80HB
Electrical Feature	Standards	IEC/EN 61008-1, 62423
	Approvals	CE, CB, UKCA, CCC
	Operation type	B
	Poles	1P+N, 3P+N
	Rated current (In)	16, 25, 32, 40, 50, 63, 80 A
	Rated voltage (Ue)	1P+N: 240 VAC/3P+N: 415 VAC
	Insulation voltage (Ui)	500 V
	Frequency	50/60 Hz
	Energy limiting class	-
	Rated impulse withstand voltage (Uimp)	4 kV
	Rated short-circuit breaking capacity (Icn)	-
	Rated conditional short-circuit current (Inc)	10 kA
	Rated making capacity (Im)	500 A for In=16, 25, 32, 40, 50 A 630 A for In=63 A 800 A for In=80 A
	Tripping curve	-
	Sensitivity (mA)	30, 100, 300
	Type of trip	Magnetic
	Residual current off-time	≤ 0.1 sec.
Mechanical Feature	Electrical durability	2000
	Mechanical durability	10000
	Protection degree	IP20
	Operating temperature	-25···60 °C
	Storage temperature	-40···80 °C
Installation	Type of terminal	Lug ternimal
	Terminal capacity	Cable up to 50 mm^2
	Tightening torque	3.5 N.m
	Mounting	35 mm Din Rail
Accessories	AX	LC-AX
	AL	LC-AL
	SHT	LC-SHT
	UVT/OVT	LC-U/OVT

Dimension



Order number

LC80HB (16 – 80 A)

B type RCCB LC80HB □P+N □□□



LC80HB 1P+N 80
30 mA B-type



LC80HB 3P+N 80
30 mA B-type

Type	Ue (V)	Operation Type	In (A)	Order Number			Width module	Weight (g)	Packing (pcs.)
				30 mA	100 mA	300 mA			
1P+N	240 VAC	B	16 A	90830001C0	90830008C0	90830015C0	4	193	6
			25 A	90830002C0	90830009C0	90830016C0			
			32 A	90830003C0	90830010C0	90830017C0			
			40 A	90830004C0	90830011C0	90830018C0			
			50 A	90830005C0	90830012C0	90830019C0			
			63 A	90830006C0	90830013C0	90830020C0			
			80 A	90830007C0	90830014C0	90830021C0			
3P+N	415 VAC	B	16 A	90830022C0	90830029C0	90830036C0	8	357	3
			25 A	90830023C0	90830030C0	90830037C0			
			32 A	90830024C0	90830031C0	90830038C0			
			40 A	90830025C0	90830032C0	90830039C0			
			50 A	90830026C0	90830033C0	90830040C0			
			63 A	90830027C0	90830034C0	90830041C0			
			80 A	90830028C0	90830035C0	90830042C0			

* 1 Width module = 9 mm

Accessories

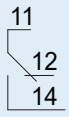
Auxiliary switch (AX)



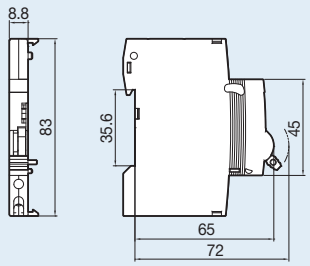
LA-AX/LB-AX/LC-AX

Type		LA-AX	LB-AX	LC-AX
Electrical Feature	Contact function	1CO (Changeover)	1CO (Changeover)	1CO (Changeover)
	Rated operation current (AC 12)	3A at 415 VAC 6A at 240 VAC	3A at 415 VAC 6A at 240 VAC	3A at 415 VAC 6A at 240 VAC
	Rated operation current (DC 12)	1A at 130 VDC 2A at 48 VDC 6A at 24 VDC	1A at 130 VDC 2A at 48 VDC 6A at 24 VDC	1A at 130 VDC 2A at 48 VDC 6A at 24 VDC
	Standards	IEC/EN 60947-5-1	IEC/EN 60947-5-1	IEC/EN 60947-5-1
Installation	Terminal type	Lug type	Lug type	Lug type
	Terminal capacity	up to 2.5 mm^2	up to 2.5 mm^2	up to 2.5 mm^2
	Width	9 mm	9 mm	9 mm

Circuit diagram



Dimension



Order number

Product	Order number	Weight (g)	Packing (pcs.)
LA-AX	90810001C0	32	15
LB-AX	90810011C0		
LC-AX	90810006C0		

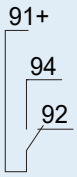
Alarm switch (AL)



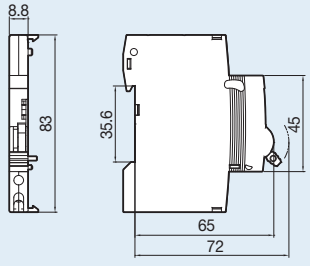
LA-AL/LB-AL/LC-AL

Type		LA-AL	LB-AL	LC-AL
Electrical Feature	Contact function	1CO (Changeover)	1CO (Changeover)	1CO (Changeover)
	Rated operation current(AC12)	3 A at 415 VAC 6 A at 240 VAC	3 A at 415 VAC 6 A at 240 VAC	3 A at 415 VAC 6 A at 240 VAC
	Rated operation current(DC12)	1 A at 130 VDC 2 A at 48 VDC 6 A at 24 VDC	1 A at 130 VDC 2 A at 48 VDC 6 A at 24 VDC	1 A at 130 VDC 2 A at 48 VDC 6 A at 24 VDC
	Standards	IEC/EN 60947-5-1	IEC/EN 60947-5-1	IEC/EN 60947-5-1
Installation	Terminal type	Lug type	Lug type	Lug type
	Terminal capacity	up to 2.5 mm^2	up to 2.5 mm^2	up to 2.5 mm^2
	Width	9 mm	9 mm	9 mm

Circuit diagram



Dimension



Order number

Product	Order number	Weight (g)	Packing (pcs.)
LA-AL	90810002C0	32	15
LB-AL	90810012C0		
LC-AL	90810007C0		

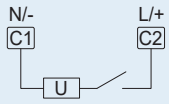
Shunt trip (SHT)



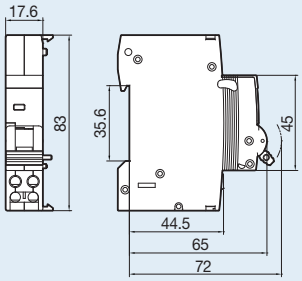
LA-SHT/LB-SHT/LC-SHT

Type		LA-SHT		LB-SHT		LC-SHT	
Electrical Feature	Rated voltage (AC)	110 – 415 VAC	24 VAC	110 – 415 VAC	24 VAC	110 – 415 VAC	24 VAC
	Rated voltage (DC)	110 – 130 VDC	24 VDC	110 – 130 VDC	24 VDC	110 – 130 VDC	24 VDC
	Operation Voltage Range	70 – 110 %*Ue		70 – 110 %*Ue		70 – 110 %*Ue	
	Standards	IEC/EN 60947-2		IEC/EN 60947-2		IEC/EN 60947-2	
Installation	Terminal type	Lug type		Lug type		Lug type	
	Terminal capacity	up to 2.5 mm^2		up to 2.5 mm^2		up to 2.5 mm^2	
	Width	18 mm		18 mm		18 mm	

Circuit diagram



Dimension



Order number

Product	Order number	Weight (g)	Packing (pcs.)
LA-SHT AC/DC 12 V	90810106C0	60	10
LA-SHT AC/DC 24 V	90810003C0		
LA-SHT AC 110 V – 415 V	90810004C0		
LB-SHT AC/DC 12 V	90810107C0		
LB-SHT AC/DC 24 V	90810013C0		
LB-SHT AC 110 V – 415 V	90810014C0		
LC-SHT AC/DC 12 V	90810108C0		
LC-SHT AC/DC 24 V	90810008C0		
LC-SHT AC 110 V – 415 V	90810009C0		

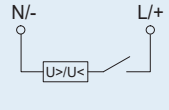
Under voltage trip/Over voltage trip (U/OVT)



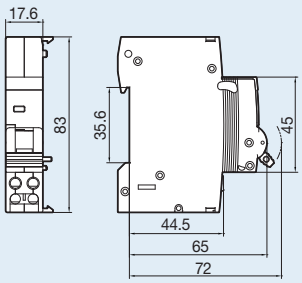
LA-U/OVT LB-U/OVT LC-U/OVT

Type		LA-U/OVT	LB-U/OVT	LC-U/OVT
Electrical Feature	Rated voltage (AC)	230 VAC	230 VAC	230 VAC
	Over voltage tripping range	AC 280 V ± 5 %	AC 280 V ± 5 %	AC 280 V ± 5 %
	Under voltage tripping range	AC 170 V ± 5 %	AC 170 V ± 5 %	AC 170 V ± 5 %
	Standards	IEC/EN 60947-2	IEC/EN 60947-2	IEC/EN 60947-2
Installation	Terminal type	Lug type	Lug type	Lug type
	Terminal capacity	up to 2.5 mm^2	up to 2.5 mm^2	up to 2.5 mm^2
	Width	18 mm	18 mm	18 mm

Circuit diagram



Dimension



Order number

Product	Order number	Weight (g)	Packing (pcs.)
LA-U/OVT Un=230VAC	90810005C0	66	10
LB-U/OVT Un=230VAC	90810015C0		
LC-U/OVT Un=230VAC	90810010C0		

Accessories

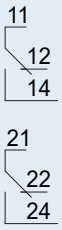
AX+AX



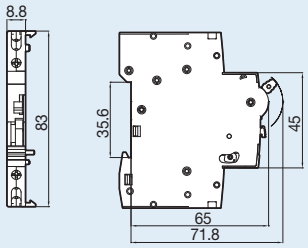
LA-AXX

Type		LA-AXX
Electrial Feature	Contactfunction	2N0/NC
	Rated operation current (AC12)	3A at 415 VAC 6A at 240 VAC
	Rated operation current (DC12)	1A at 130 VDC 2A at 48 VDC 6A at 24 VDC
	Standards	IEC/EN 60947-5-1
Installation	Terminal type	Lug type
	Terminal capacity	up to 2.5mm^2
	Width	9 mm

Circuit diagram



Dimension



Order number

Product	Order number	Weight (g)	Packing (pcs.)
LA-AXX	90810094C0	40	10

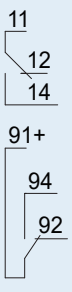
AX+AL



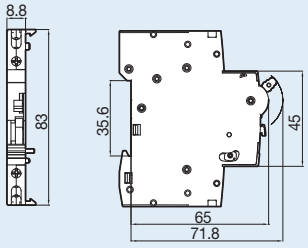
LA-AXL

Type		LA-AXL
Electrial Feature	Contactfunction	2N0/NC
	Rated operation current (AC12)	3A at 415 VAC 6A at 240 VAC
	Rated operation current (DC12)	1A at 130 VDC 2A at 48 VDC 6A at 24 VDC
	Standards	IEC/EN 60947-5-1
Installation	Terminal type	Lug type
	Terminal capacity	up to2.5mm^2
	Width	9 mm

Circuit diagram



Dimension



Order number

Product	Order number	Weight (g)	Packing (pcs.)
LA-AXL	90810095C0	40	10

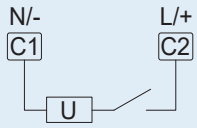
SHT+AX



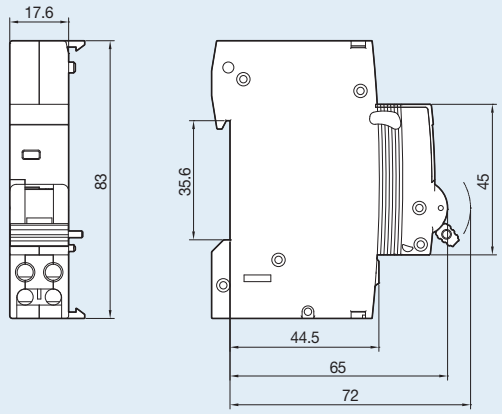
LA-SHTX

Type		LA-SHTX		
Electrial Feature	Rated voltage (AC)	110~415 VAC	24 VAC	12 VAC
	Rated voltage (DC)	110~130 VDC	24 VDC	12 VDC
	Operation voltage Range	70~110%*Ue		
	Standards	IEC/EN 60947-2, IEC/EN 60947-5-1		
Installation	Terminal type	Lug type		
	Terminal capacity	up to 2.5mm^2		
	Width	18mm		

Circuit diagram



Dimension



Order number

Product	Order number	Weight (g)	Packing (pcs.)
LA-SHTX AC/DC12V	90810091C0		
LA-SHTX AC/DC24V	90810092C0	60	10
LA-SHTX AC110V~415V	90810093C0		

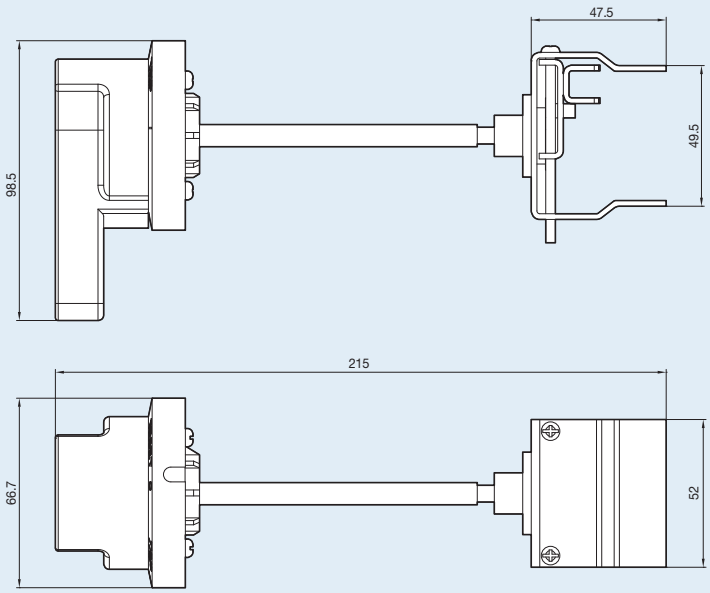
E Handle



LA-E Handle

Type	Extended Handle
Instructions	Front mounting The handle base is installed on the equipment. The handle is installed on the front of the distribution box. When the handle is in the "O" position, it can be locked with a padlock.
Applicable Models	LA63E/N/H/L, LA63Nd/Hd, LA63HDC 2P-4P

Dimension



Order number

Product	Order number	Weight (g)	Packing (pcs.)
LA-E Handle	90810102C0	450	2

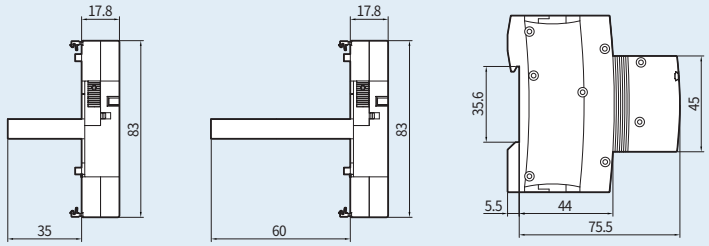
Motor Operator



LA-MOP

Type		LA-MOP
Rated Operation Voltage(Un)		AC/DC 110 – 230 V, DC 12 V, DC 24 V
Position of Installation		Right side of the MCB
IP Degree		IP20
Closing time		≤ 1 s
Opening time		≤ 1 s
Durability(electricalor mechanical)		20000
Installation		Mounting on 35 mm DIN rail
Compatibility product	LA	LA63E, LA63N, LA63H, LA63L, LA63HDC, LA100H, LA63Nd, LA63Hd, LA125H
	LB	LB40N, LB40H, LB40NB, LB63N
	LC	LC63N, LC63NR, LC100H, LC100HR

Dimension

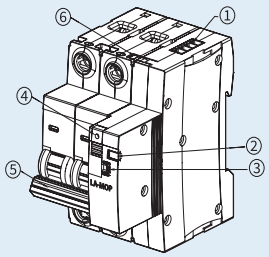


Short-Handle Long-Handle

Order number

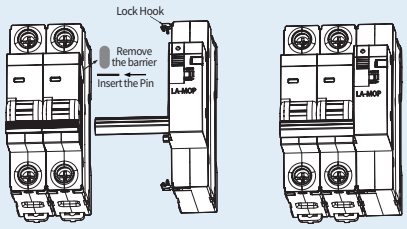
Product	Order number	Weight (g)	Packing (pcs.)
LA-MOP Short-Handle AC/DC 110 V – 230 V	90810047C0	126	1
LA-MOP Short-Handle DC 12 V	90810049C0	126	1
LA-MOP Short-Handle DC 24 V	90810050C0	126	1
LA-MOP Long-Handle AC/DC 110 V – 230 V	90810076C0	131	1
LA-MOP Long-Handle DC 12 V	90810077C0	131	1
LA-MOP Long-Handle DC 24 V	90810078C0	131	1

Structure and Wiring diagram



Structural diagram
① Control power input terminal
② Power indicator lamp
③ Manual/Automatic selection switch
④ Lock-off hole (Ø≤2.0 mm)
⑤ Handle
⑥ Lock hook

Assembly method



Assembly method
1. Remove the barrier on the right side of the MCB and insert the Pin (MOP Spare part).
2. Engage the MOP handle and the MCB handle while the product OFF.
3. After completely assembling the MOP and MCB, fix it with the lock hook of the MOP.

Model	Assemble MCB/Accessory
LA-MOP short-Handle	MCB 2P, MCB 2P+Accessory, MCB 3P
LA-MOP long-Handle	MCB 3P+Accessory, MCB 4P, MCB 4P+Accessory

* Accessory: AX, AL, SHT, U/OVT

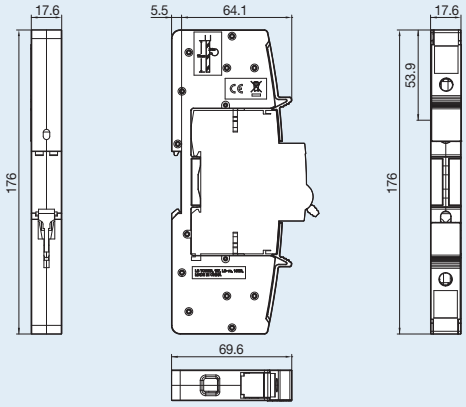
Plug-in Base



LA-PB

Type	LA-PB
Suitability	≤ 63 A (63 A Max)
Pole	1P
Connection	Tunnel terminals for cable up to 35 mm² (rigid), 25 mm² (flexible)
Standards	A base to be fastened on a rail (or panel)
	2 blades to be fastened in the device's terminal
Compatibility product	L-Series MCB: 63 A Max
	LA63N, LA63H, LA63L
	LA63Nd, LA63Hd

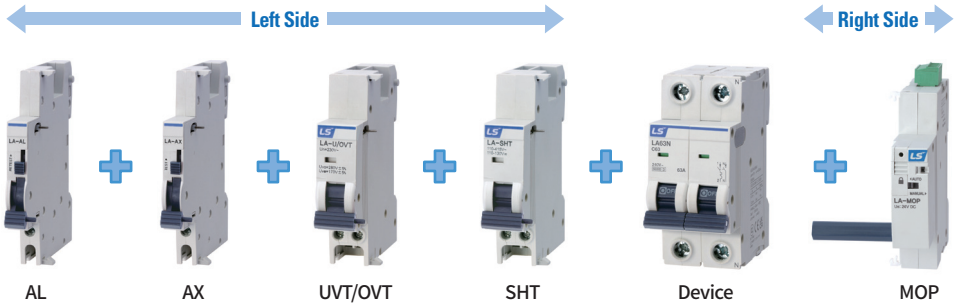
Dimension



Order number

Product	Order number	Weight (g)	Packing (pcs.)
LA-PB	90810075C0	485	4

Accessories assembly method

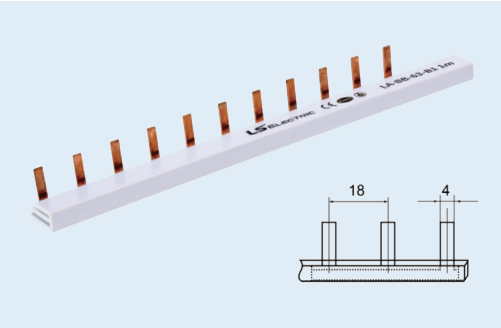


Left Side		Device	Right side
② AX, AL	① SHT, U/OVT		MOP
Max 2 (2AX, AX+AL, 2AL)	Max 2	MCB LA□□	1
		RCBO LB□□	-
Just 1 accessory assemble		RCCB LC□□	-

※ When ① SHT, U/OVT and ② AX, AL are mixed use, SHT, UVT/OVT should be assembled on MCB first, and then AX, AL should be assembled
※ Only 2P – 4P of LA63E/LA63N/LA63H/LA63L/LA63HDC/LA100H/LA63Nd/LA63Hd can be assembled MOP.

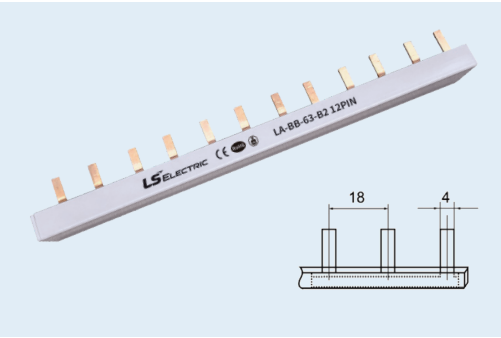
Busbar System

Pin type (for 1m length)



Phase	Product	Current	Length	Cross Section	Order number
1 Phase	LA-BB-63-B1 1 m	63 A	1 m	10 mm²	90810016C0
2 Phase	LA-BB-63-B2 1 m				90810017C0
3 Phase	LA-BB-63-B3 1 m				90810018C0
4 Phase	LA-BB-63-B4 1 m				90810019C0
1 Phase	LA-BB-100-B1 1 m	100 A	1 m	22 mm²	90810020C0
2 Phase	LA-BB-100-B2 1 m				90810021C0
3 Phase	LA-BB-100-B3 1 m				90810022C0
4 Phase	LA-BB-100-B4 1 m				90810023C0

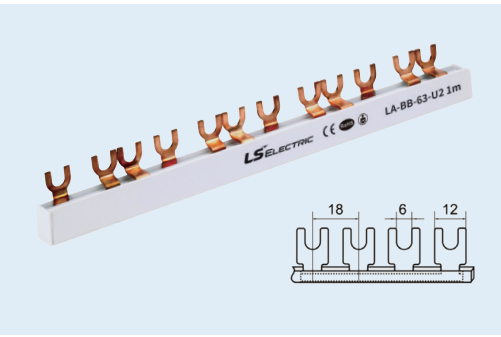
Pin type (for 12 PIN)



Phase	Product	Current	Length	Cross Section	Order number
1 Phase	LA-BB-63-B1 12PIN	63 A	22 cm (12 PIN)	10 mm²	90810051C0
2 Phase	LA-BB-63-B2 12PIN				90810052C0
3 Phase	LA-BB-63-B3 12PIN				90810053C0
4 Phase	LA-BB-63-B4 12PIN				90810054C0
1 Phase	LA-BB-100-B1 12PIN	100 A	22 cm (12 PIN)	22 mm²	90810055C0
2 Phase	LA-BB-100-B2 12PIN				90810056C0
3 Phase	LA-BB-100-B3 12PIN				90810057C0
4 Phase	LA-BB-100-B4 12PIN				90810058C0

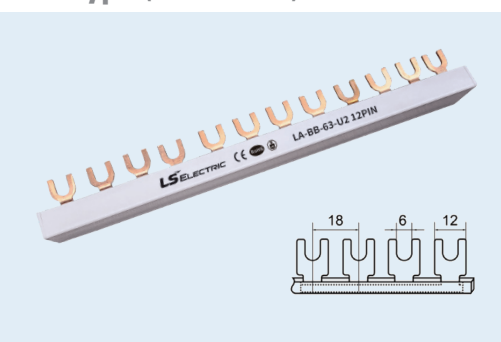
※ Pin type (for 12 PIN) includes End Cap on both sides

Pork type (for 1m length)



Phase	Product	Current	Length	Cross Section	Order number
1 Phase	LA-BB-63-U1 1 m	63 A	1 m	10 mm²	90810024C0
2 Phase	LA-BB-63-U2 1 m				90810025C0
3 Phase	LA-BB-63-U3 1 m				90810026C0
4 Phase	LA-BB-63-U4 1 m				90810027C0
1 Phase	LA-BB-100-U1 1 m	100 A	1 m	22 mm²	90810028C0
2 Phase	LA-BB-100-U2 1 m				90810029C0
3 Phase	LA-BB-100-U3 1 m				90810030C0
4 Phase	LA-BB-100-U4 1 m				90810031C0

Pork type (for 12 PIN)



Phase	Product	Current	Length	Cross Section	Order number
1 Phase	LA-BB-63-U1 12PIN	63 A	22 cm (12 PIN)	10 mm²	90810059C0
2 Phase	LA-BB-63-U2 12PIN				90810060C0
3 Phase	LA-BB-63-U3 12PIN				90810061C0
4 Phase	LA-BB-63-U4 12PIN				90810062C0
1 Phase	LA-BB-100-U1 12PIN	100 A	22 cm (12 PIN)	22 mm²	90810063C0
2 Phase	LA-BB-100-U2 12PIN				90810064C0
3 Phase	LA-BB-100-U3 12PIN				90810065C0
4 Phase	LA-BB-100-U4 12PIN				90810066C0

※ Pork type (for 12 PIN) includes End Cap on both sides

Accessories

End Cap



Phase	Product	Current	Order number
1 Phase	LA-BB-63-EC1	63 A	90810032C0
2 Phase	LA-BB-63-EC2		90810033C0
3 Phase	LA-BB-63-EC3		90810034C0
4 Phase	LA-BB-63-EC4		90810035C0
1 Phase	LA-BB-100-EC1	100 A	90810036C0
2 Phase	LA-BB-100-EC2		90810037C0
3 Phase	LA-BB-100-EC3		90810038C0
4 Phase	LA-BB-100-EC4		90810039C0

Insulation barrier



LA-BARRIER

Product	Order number
LA-BARRIER	90810046C0

Busbar Cap



Product	Order number
LA-BB-63-BC	90810040C0

DIN-Rail



Product	Order number
DIN-RAIL 1 m	90810041C0

Handle locking device



LA-HL-P



LA-HL-C



LA-HL-LOCK

LA-HL-P

Type		LA-HL-P
Compatibility product	LA	LA125H, LA63HP
	LB	LB63N, LB63H, LB63H4,LB63HW
	LC	LC63N, LC63NR, LC100H, LC100HR

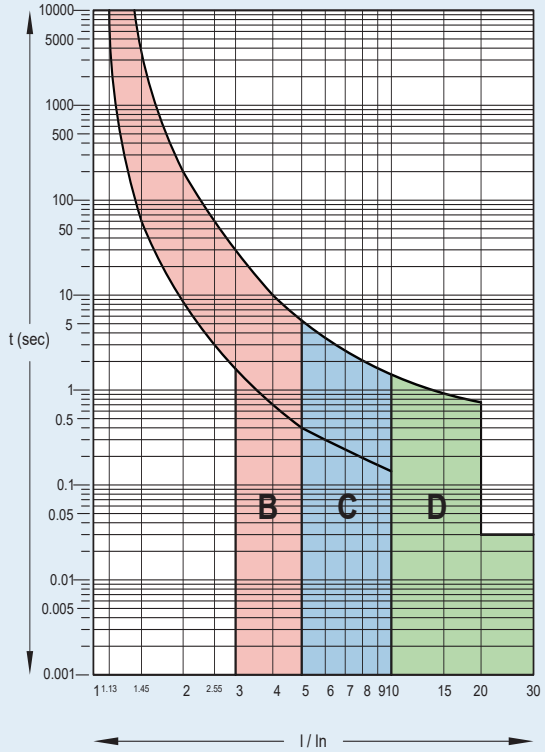
LA-HL-C

Type		LA-HL-C
Compatibility product	LA	LA40E, LA40N, LA63E, LA63N, LA63H, LA63L, LA63HDC, LA100H, LA63Nd, LA63Hd,LA63HP.LA125D
	LB	LB40N, LB40H, LB40NB, LB63N, LB63H, LB63H4,LB63HW, LB32E

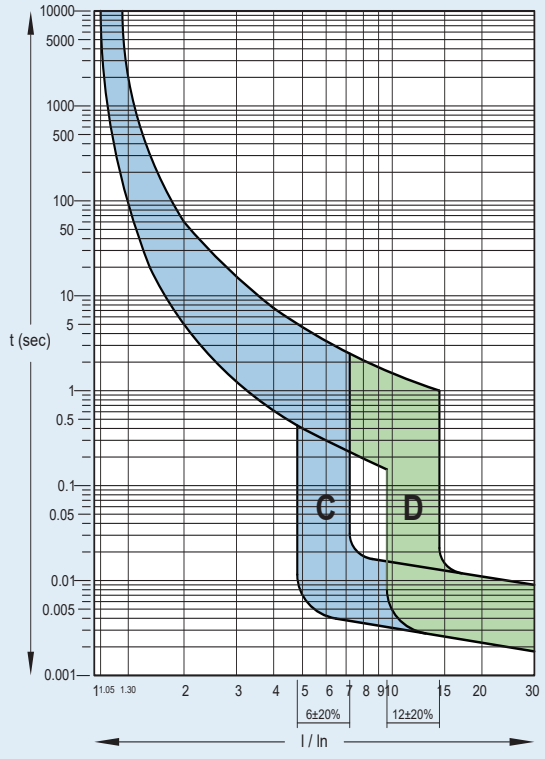
Product	Order number
LA-HL-P	90810042C0
LA-HL-C	90810043C0
LA-HL-LOCK	90810045C0

Characteristics curve

MCB (IEC/EN 60898-1 GB/T 10963.1)

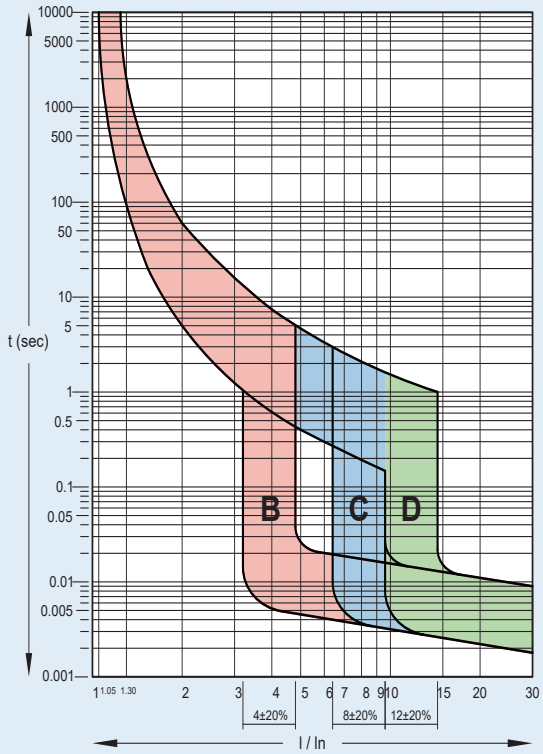


DC MCB (IEC/EN 60947-2 GB/T 14048.2) LA63HD

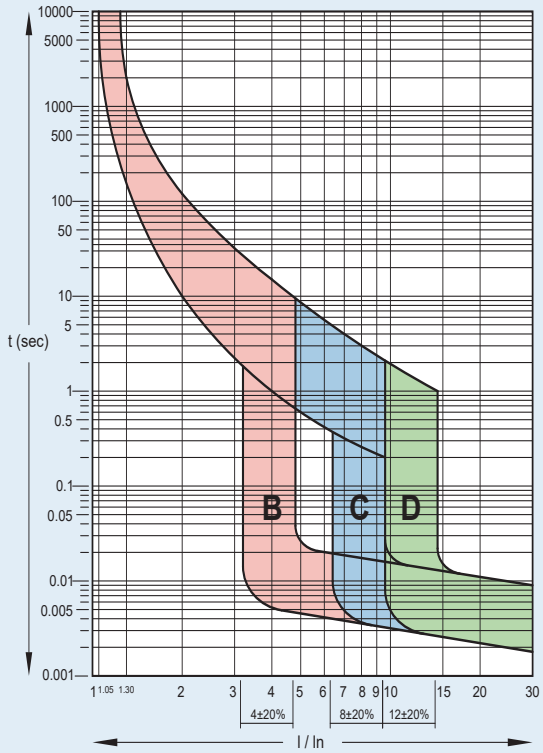


Characteristics curve

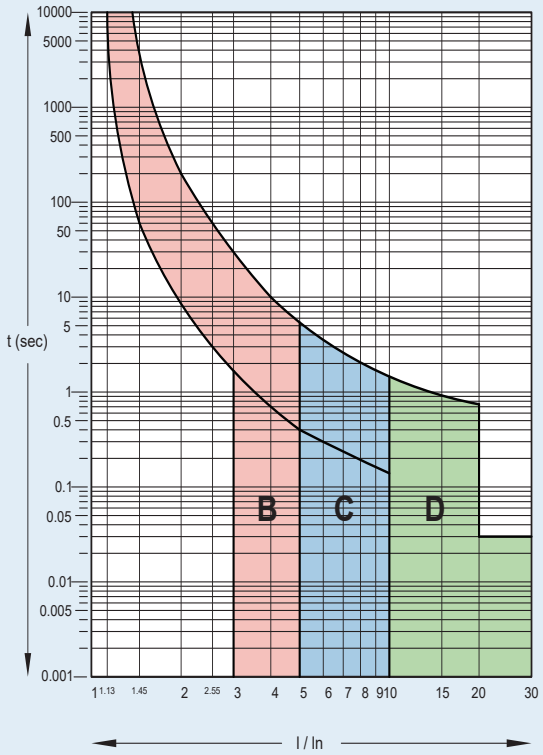
MCB(63AF)
(IEC/EN 60947-2
GB/T 14048.2)
LA63N
LA63Nd
LA63H
LA63Hd
LA63L
LA63HP



MCB(100/125AF)
(IEC/EN 60947-2
GB/T 14048.2)
LA100H
LA125H



RCBO
(IEC/EN 61009-1
GB/T 16917.1)



Temperature Derating

LA40E, LA40N (IEC60898-1)

Rated current (A)	-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C	40°C	45°C	50°C	55°C	60°C	65°C	70°C
1	1.22	1.20	1.18	1.16	1.15	1.13	1.11	1.09	1.08	1.06	1.04	1.02	1.00	0.98	0.96	0.94	0.92	0.90	0.88	0.86	0.84
2	2.59	2.54	2.49	2.45	2.40	2.36	2.31	2.26	2.21	2.16	2.11	2.05	2.00	1.94	1.89	1.83	1.76	1.70	1.63	1.57	1.51
3	3.57	3.52	3.47	3.43	3.38	3.34	3.29	3.24	3.20	3.15	3.10	3.05	3.00	2.95	2.90	2.84	2.79	2.73	2.68	2.63	2.58
4	4.82	4.75	4.68	4.62	4.55	4.49	4.42	4.35	4.29	4.22	4.15	4.07	4.00	3.93	3.85	3.77	3.69	3.61	3.53	3.45	3.37
6	7.88	7.73	7.59	7.45	7.30	7.15	7.00	6.84	6.68	6.52	6.35	6.18	6.00	5.82	5.63	5.43	5.23	5.02	4.80	4.59	4.38
10	12.23	12.05	11.88	11.71	11.53	11.35	11.17	10.98	10.79	10.60	10.40	10.20	10.00	9.79	9.58	9.36	9.14	8.91	8.68	8.46	8.24
13	16.12	15.86	15.60	15.34	15.08	14.82	14.56	14.26	13.98	13.74	13.49	13.24	13.00	12.62	12.33	11.93	11.65	11.14	10.75	10.36	9.97
16	20.20	19.87	19.55	19.23	18.89	18.56	18.21	17.86	17.51	17.14	16.77	16.39	16.00	15.60	15.19	14.77	14.34	13.89	13.43	12.99	12.55
20	24.34	24.00	23.67	23.33	22.98	22.63	22.27	21.91	21.54	21.17	20.79	20.41	20.00	19.58	19.11	18.68	18.12	17.58	17.20	16.72	16.23
25	30.43	30.00	29.58	29.16	28.73	28.29	27.84	27.39	26.93	26.46	26.00	25.50	25.00	24.49	23.96	23.42	22.87	22.31	21.73	21.17	20.61
32	39.05	38.49	37.95	37.39	36.83	36.26	35.69	35.10	34.18	33.15	33.11	32.56	32.00	31.34	30.65	29.89	29.19	28.67	27.73	27.00	26.28
40	49.89	49.11	48.35	47.57	46.78	46.00	45.16	44.33	43.48	42.61	41.80	40.91	40.00	39.05	38.09	37.09	36.07	35.02	33.94	32.90	31.85

LA63E/LA63N/LA63Nd/LA63H/LA63Hd/LA63L (IEC60898-1), LA63HDC (IEC60947-2)

Rated current (A)	-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C	40°C	45°C	50°C	55°C	60°C	65°C	70°C
1	1.21	1.20	1.18	1.16	1.15	1.13	1.11	1.09	1.08	1.06	1.04	1.02	1.00	0.98	0.96	0.94	0.92	0.90	0.88	0.85	0.83
2	2.38	2.35	2.32	2.29	2.26	2.23	2.20	2.17	2.13	2.10	2.07	2.03	2.00	1.96	1.93	1.89	1.86	1.82	1.78	1.74	1.70
3	3.56	3.52	3.47	3.43	3.38	3.34	3.29	3.24	3.20	3.15	3.10	3.05	3.00	2.95	2.90	2.84	2.79	2.73	2.68	2.62	2.56
4	4.81	4.75	4.68	4.62	4.55	4.49	4.42	4.35	4.29	4.22	4.15	4.07	4.00	3.93	3.85	3.77	3.69	3.61	3.53	3.44	3.36
6	7.72	7.59	7.46	7.32	7.19	7.08	6.94	6.79	6.65	6.49	6.33	6.16	6.00	5.80	5.61	5.48	5.29	5.10	4.92	4.71	4.50
10	11.89	11.75	11.60	11.45	11.30	11.15	10.99	10.85	10.68	10.52	10.35	10.18	10.00	9.82	9.64	9.46	9.24	9.06	9.00	8.81	8.60
13	16.12	15.86	15.60	15.34	15.08	14.82	14.56	14.26	13.98	13.74	13.49	13.24	13.00	12.76	12.53	12.22	11.96	11.70	11.44	11.18	10.92
16	19.57	19.30	19.02	18.74	18.46	18.26	17.98	17.68	17.33	17.12	16.58	16.33	16.00	15.68	15.26	14.91	14.52	14.16	13.68	13.42	13.02
20	24.42	24.09	23.75	23.40	23.05	22.79	22.43	22.03	21.68	21.26	20.86	20.43	20.00	19.58	19.11	18.68	18.12	17.58	17.20	16.82	16.35
25	29.75	29.35	29.02	28.62	28.24	27.95	27.58	27.19	26.82	26.31	25.95	25.46	25.00	24.56	24.08	23.54	23.18	22.66	22.26	21.77	21.26
32	39.50	38.96	38.47	37.83	37.24	36.68	36.02	35.42	34.78	34.15	33.45	32.73	32.00	31.28	30.55	29.81	28.98	28.12	27.27	26.63	25.74
40	48.45	47.82	47.23	46.50	45.83	45.22	44.56	43.78	43.05	42.33	41.56	40.77	40.00	39.19	38.35	37.46	36.66	35.74	34.82	34.02	33.10
50	60.06	59.29	58.51	57.71	57.01	56.18	55.38	54.59	53.65	52.86	51.83	50.92	50.00	49.01	48.05	46.95	45.93	45.03	44.02	43.01	41.92
63	76.25	75.30	74.22	73.21	72.09	71.15	70.05	68.91	67.81	66.62	65.33	64.18	63.00	61.80	60.52	59.12	58.02	56.42	55.22	54.23	52.88

LA63N/LA63Nd/LA63H/LA63Hd/LA63L/LA63HP (IEC60947-2)

Rated current (A)	-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C	40°C	45°C	50°C	55°C	60°C	65°C	70°C
1	1.27	1.25	1.23	1.21	1.20	1.18	1.16	1.15	1.13	1.11	1.09	1.08	1.06	1.04	1.02	1.00	0.98	0.96	0.94	0.92	0.90
2	2.47	2.44	2.41	2.38	2.35	2.32	2.29	2.26	2.23	2.20	2.17	2.13	2.10	2.07	2.03	2.00	1.96	1.93	1.89	1.86	1.82
3	3.71	3.66	3.61	3.56	3.52	3.47	3.43	3.38	3.34	3.29	3.24	3.20	3.15	3.10	3.05	3.00	2.95	2.90	2.84	2.79	2.73
4	5.02	4.95	4.88	4.81	4.75	4.68	4.62	4.55	4.49	4.42	4.35	4.29	4.22	4.15	4.07	4.00	3.93	3.85	3.77	3.69	3.61
6	8.11	7.98	7.85	7.72	7.59	7.46	7.32	7.19	7.08	6.94	6.79	6.65	6.49	6.33	6.16	6.00	5.80	5.61	5.48	5.29	5.10
10	12.34	12.19	12.04	11.89	11.75	11.60	11.45	11.30	11.15	10.99	10.85	10.68	10.52	10.35	10.18	10.00	9.82	9.64	9.46	9.24	9.06
13	16.90	16.64	16.38	16.12	15.86	15.60	15.34	15.08	14.82	14.56	14.26	13.98	13.74	13.49	13.24	13.00	12.76	12.53	12.22	11.96	11.70
16	20.41	20.13	19.85	19.57	19.30	19.02	18.74	18.46	18.26	17.98	17.68	17.33	17.12	16.58	16.33	16.00	15.68	15.26	14.91	14.52	14.16
20	25.44	25.10	24.76	24.42	24.09	23.75	23.40	23.05	22.79	22.43	22.03	21.68	21.26	20.86	20.43	20.00	19.58	19.11	18.68	18.12	17.58
25	30.88	30.51	30.13	29.75	29.35	29.02	28.62	28.24	27.95	27.58	27.19	26.82	26.31	25.95	25.46	25.00	24.56	24.08	23.54	23.18	22.66
32	41.17	40.63	40.07	39.50	38.96	38.47	37.83	37.24	36.68	36.02	35.42	34.78	34.15	33.45	32.73	32.00	31.28	30.55	29.81	28.98	28.12
40	50.39	49.76	49.11	48.45	47.82	47.23	46.50	45.83	45.22	44.56	43.78	43.05	42.33	41.56	40.77	40.00	39.19	38.35	37.46	36.66	35.74
50	62.37	61.60	60.82	60.06	59.29	58.51	57.71	57.01	56.18	55.38	54.59	53.65	52.86	51.83	50.92	50.00	49.01	48.05	46.95	45.93	45.03
63	79.33	78.31	77.29	76.25	75.30	74.22	73.21	72.09	71.15	70.05	68.91	67.81	66.62	65.33	64.18	63.00	61.80	60.52	59.12	58.02	56.42

LA100H (IEC60947-2)

Rated current (A)	-30 °C	-25 °C	-20 °C	-15 °C	-10 °C	-5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C	55 °C	60 °C	65 °C	70 °C
63	78.60	77.41	76.22	75.00	73.77	72.49	71.21	69.92	68.60	67.22	65.83	64.40	63.00	61.52	60.00	58.44	56.84	55.19	53.49	51.94	49.92
80	98.37	96.98	95.52	94.10	92.62	91.10	89.61	88.10	86.50	84.92	83.31	81.60	80.00	78.27	76.50	74.69	72.84	70.93	68.95	66.96	64.89
100	124.42	122.58	120.70	118.79	116.82	114.87	112.82	110.81	108.72	106.62	104.41	102.20	100.00	97.69	95.32	92.89	90.39	87.82	85.18	82.45	79.63

LA125H (IEC60947-2)

Rated current (A)	-30 °C	-25 °C	-20 °C	-15 °C	-10 °C	-5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C	55 °C	60 °C	6 5°C	70 °C
10	11.88	11.74	11.59	11.44	11.29	11.13	10.99	10.83	10.67	10.51	10.34	10.17	10.00	9.82	9.64	9.46	9.26	9.07	8.88	8.65	8.46
13	16.12	15.86	15.60	15.34	15.08	14.82	14.56	14.26	13.98	13.74	13.49	13.24	13.00	12.76	12.53	12.22	11.96	11.70	11.44	11.18	10.92
16	19.57	19.30	19.02	18.74	18.46	18.17	17.88	17.58	17.27	16.96	16.65	16.33	16.00	15.67	15.30	14.95	14.58	14.21	13.83	13.43	13.04
20	24.42	24.09	23.75	23.40	23.05	22.69	22.33	21.96	21.58	21.20	20.81	20.41	20.00	19.57	19.12	18.70	18.24	17.80	17.33	16.83	16.35
25	29.71	29.35	29.00	28.62	28.24	27.86	27.47	27.07	26.67	26.26	25.85	25.43	25.00	24.56	24.08	23.63	23.18	22.70	22.22	21.74	21.23
32	39.48	38.90	38.30	37.73	37.15	36.52	35.95	35.32	34.68	34.03	33.37	32.69	32.00	31.28	30.55	29.81	29.02	28.23	27.46	26.61	25.69
40	48.42	47.80	47.12	46.48	45.80	45.10	44.40	43.72	43.00	42.24	41.50	40.77	40.00	39.19	38.38	37.52	36.70	35.82	34.98	34.08	33.13
50	60.00	59.26	58.49	57.70	56.90	56.06	55.22	54.40	53.57	52.70	51.80	50.90	50.00	49.01	48.07	47.10	46.12	45.11	44.10	43.01	41.90
63	76.20	75.20	74.20	73.10	72.07	71.00	69.90	68.80	67.70	66.52	65.23	64.10	63.00	61.80	60.60	59.38	58.14	56.87	55.58	54.20	52.85
80	98.40	97.00	95.59	94.15	92.68	91.20	89.70	88.15	86.57	84.95	83.35	81.69	80.00	78.27	76.50	74.69	72.84	70.93	68.95	66.96	64.89
100	124.46	122.61	120.73	118.82	116.87	114.90	112.89	110.85	108.77	106.64	104.47	102.26	100.00	97.69	95.32	92.89	90.39	87.82	85.18	82.45	79.63
125	157.02	154.61	152.16	149.66	147.13	144.55	141.92	139.24	136.51	133.73	130.88	127.98	125.00	121.95	118.72	115.24	112.03	108.75	105.00	101.21	97.85

RCBO (IEC61009-1)

Rated current (A)	-25 °C	-20 °C	-15 °C	-10 °C	-5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C	55 °C	60 °C
6	7.59	7.46	7.32	7.19	7.08	6.94	6.79	6.65	6.49	6.33	6.16	6.00	5.80	5.61	5.48	5.29	5.10	4.92
10	11.75	11.60	11.45	11.30	11.15	10.99	10.85	10.68	10.52	10.35	10.18	10.00	9.82	9.64	9.46	9.24	9.06	9.00
13	15.86	15.60	15.34	15.08	14.82	14.56	14.26	13.98	13.74	13.49	13.24	13.00	12.76	12.53	12.22	11.96	11.70	11.44
16	19.15	18.89	18.62	18.35	18.07	17.79	17.50	17.21	16.90	16.58	16.31	16.00	15.68	15.36	15.03	14.69	14.34	13.98
20	24.09	23.75	23.40	23.05	22.79	22.43	22.03	21.68	21.26	20.86	20.43	20.00	19.58	19.14	18.70	18.29	17.82	17.39
25	29.35	29.02	28.62	28.24	27.95	27.58	27.19	26.82	26.31	25.95	25.46	25.00	24.49	23.98	23.45	22.91	22.36	21.79
32	37.69	37.21	36.72	36.23	35.73	35.22	34.70	34.18	33.65	33.11	32.56	32.00	31.43	30.85	20.26	29.66	29.05	28.42
40	47.82	47.23	46.50	45.83	45.22	44.56	43.78	43.05	42.33	41.56	40.77	40.00	39.19	38.35	37.46	36.66	35.74	34.82
50	59.29	58.51	57.71	57.01	56.18	55.38	54.59	53.65	52.86	51.83	50.92	50.00	49.01	48.05	46.95	45.93	45.03	44.02
63	75.30	74.22	73.21	72.09	71.15	70.05	68.91	67.81	66.62	65.33	64.18	63.00	61.80	60.52	59.12	58.02	56.82	55.72

Impact of Altitude

If an MCB is used at an altitude of 2000 m above sea level, its operating performance may be significantly affected due to reduced atmospheric pressure and temperature. An MCB must be derated when used in high altitude environments to ensure proper performance. Apply the correction factors provided in the Derating Parameters for High Altitude table below when derating an MCB.

[Derating parameters for high altitude]

Altitude	2000 m	3000 m	4000 m	5000 m	6000 m
Rated voltage (Ue)	1×Ue	0.91×Ue	0.82×Ue	0.73×Ue	0.65×Ue
Rated current (In)	1×In	0.98×In	0.96×In	0.94×In	0.92×In

* Altitude derating values are based on ANSI C37.25-1970

Memo

Global Business



LS ELECTRIC set a mid- to long-term vision for each overseas market to broaden its global business presence. In addition to pursuing the evolution of our existing businesses, we are discovering new business opportunities and strengthening the basis of business operations to take a tailor-made approach to each local market.

1 Europe

Accelerating growth mainly in the renewable energy market

2 Middle East & Southwest Asia

Strengthening direct sales through localization

3 China

Strengthening business capabilities for power equipment and systems

4 Southeast Asia

Focusing on the sale of strategic products and project development

5 North America

Delivering global products and solutions, tapping into the Central and Latin American markets

Domestic Subsidiaries

LS Metal

Manufacturing copper tubes and STS pipes
Yongsan-gu, Seoul, Korea

- Head Office
- Seoul Office
- Domestic Worksites
- Domestic R&D Centers
- Overseas Holding Company
- Overseas Production Subsidiaries



(as of Dec. 31, 2023)

LS Mecapion	LS-Sauter	LS ITC	ACT system
Manufacturing industrial electronic equipment	**Selling BAS/IBS and GBS systems**	**Providing total IT services**	**Manufacturing industrial communication equipment**
Dalseo-gu, Daegu, Korea	Anyang-si, Gyeonggi-do, Korea	Yongsan-gu, Seoul, Korea	Anyang-si, Gyeonggi-do, Korea

Anyang	
Yongsan	
Cheongju, Cheonan, Busan	
R&D Campus (Anyang), Electric Power R&D Center (Cheongju), Power Testing & Technology Institute (Cheongju), Automation R&D Center (Cheonan), HVDC R&D Center (Busan)	
Shanghai (China), Chicago (US)	
Wuxi (China), Dalian (China), Lishui (China), Hanoi (Vietnam), Charlotte (US), Enoch (US), Istanbul (Turkey)	
Overseas Sales Subsidiaries	Hoofddorp (Netherlands), Dubai (UAE), Tokyo (Japan), Chicago (US), Istanbul (Turkey), Jakarta (Indonesia), Madrid (Spain)
Overseas Branches	Shanghai (China), Beijing (China), Guangzhou (China), Qingdao (China), Nanjing (China), Chengdu (China), Shenyang (China), Tokyo (Japan), Hanoi (Vietnam), Ho Chi Minh (Vietnam), Moscow (Russia), Bangkok (Thailand), Santa Fe Springs (US), Singapore (Singapore), Bengaluru (India), Brescia (Italy), Bastrop Campus (US)
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