

LOADLINE Moulded Case Circuit Breakers

LOADLINE moulded case circuit breakers are designed and manufactured to world class standards. Quality control and quality assurance systems are certified by ASTA to BS EN ISO 9001.

Exceeding the requirements of BS EN 60947-2, LOADLINE offers thermal and magnetic adjustment and an extensive range of accessories.

The precision formed mouldings are designed to help the installer, with the exception of G and F Frame, the escutcheons are the same height, to allow 25A to 1600A breakers to be mounted in an identical height cut out.



Rotary Handles fixed or remote. Fixed can accommodate castell locks

Padlocking devices with up to four padlocks for ON or OFF

UVR or shunt trip devices with large range of control voltages

Loadline Moulded Case Circuit Breakers

	G Frame		AA Frame			AM Frame
No of poles	1	3	1	3	3P&SwN	3
Conforms to	BSEN 60947-2		BSEN 60947-2			BSEN 60947-2
Minimum rating (A)	25		25			50
Maximum rating (A)	125		200			200
Overload (Thermal) tripping element	fixed		70-100%			70-100%
Instantaneous (Magnetic) tripping element	25-32A=500A 40-80A=800A 100-125A=1250A	25-32A=400A 40-80A=600A 100-125A=600A	25-63A=400A 80-125A=800A 160-200A=1600A			50-200A=1600A
Mechanical Operations	8000		8000			8000
Ultimate breaking capacity Icu (kA)						
600V ac						
415V ac	25		25			25
380V ac	25		32			32
240V ac	16	25	25	32	32	32
220V ac	16	30	25	50	50	50
Service breaking capacity Ics (%Icu)	50%		75%			75%
Rated operational voltage (Ue)	240	415	240	415	415	415
Insulation voltage (Ui)	500		660			660
Utilisation Category	A		A			A
Maximum cable termination (mm ²)	70		25-100A=70 & 125-200A=150			25-100A = 70 & 125-200A=150
Weight (Kg)	0.4	1.0	1.0	2.1	2.3	2.1
Dimensions - excluding dolly						
Height (mm)	120	120	154	154	154	154
Width (mm)	26	78.5	35	105	140	105
Depth (mm)	83.5	83.5	91	91	91	91
For Cat Nos & more information see page	30		32			32

Loadline Moulded Case Circuit Breakers

	F Frame		CN/CH Frame		D Frame	E Frame
No of poles	3	3	3	3P&SwN	3	3
Conforms to	BSEN 60947-2		BSEN 60947.2		BSEN 60947.2	BSEN 60947.2
Minimum rating (A)	25		250		250	600
Maximum rating (A)	250		800		800	1600
Overload (Thermal) tripping element	fixed		70-100%		65-100%	65-100%
Instantaneous (Magnetic) tripping element	25-32A=500A 40-80A=800A 100-125A=1250A 160-250A=1600A	25-32A=500A 40-80A=800A 100-125A=1250A 160-250A=1600A	250A = 1250-2500A 315A = 1575-3150A 400A = 1600-4000A 500A = 2000-5000A 630A = 2520-6300A 800A = 3200-8000A		see chart on page 38	see chart on page 40
Mechanical Operations	8000		3000		3000	2000
Ultimate breaking capacity Icu (kA)						
600V ac						
415V ac	35	50	32/50	32/50	50	50
380V ac	40	50	32/50	32/50	50	50
240V ac	40	50	32/50	32/50	50	50
220V ac	40	50	50/70	50/70	70	50
Service breaking capacity Ics (%Icu)	75%	50%	50%		75%	100%
Rated operational voltage (Ue)	415	660	415		415	600
Insulation voltage (Ui)	660		660		660	660
Utilisation Category	A		A		A	A
Maximum cable termination (mm ²)	185					
Weight (Kg)	3.0		9.2	11.6	19.0	67.0
Dimensions - excluding dolly						
Height (mm)	190	190	257	257	395	502
Width (mm)	105	105	210	210	210	420
Depth (mm)	114	114	110	110	149	241
For Cat Nos & more information see page	34		36		38	40

Loadline G Frame Single Pole MCCBs Icu 16kA



- Conforms to BSEN 60947-2
- Maximum cable size 70mm²
- Icu 16kA
- Operating voltage rating 415Vac

Current Rating (A)	Cat No
25	GB1P25
32	GB1P32
40	GB1P40
50	GB1P50
63	GB1P63
80	GB1P80
100	GB1P100
125	GB1P125

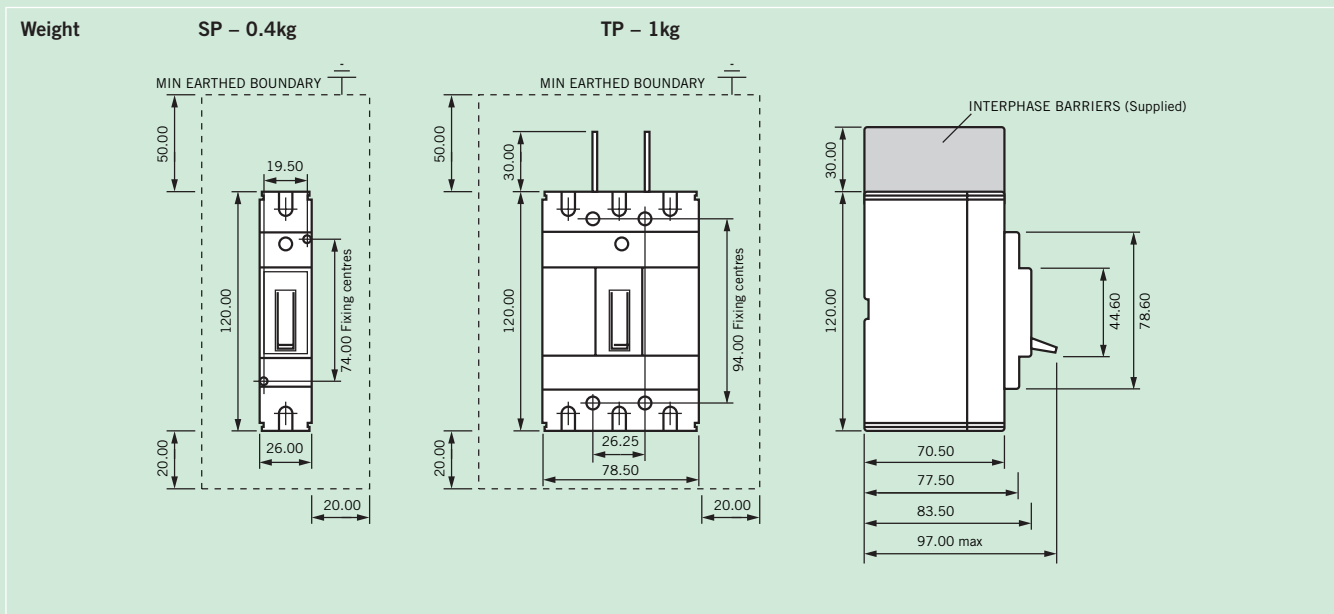
Loadline G Frame Triple Pole MCCBs Icu 25kA



- Conforms to BSEN 60947-2
- Maximum cable size 70mm²
- Icu 25kA
- Operating voltage rating 415Vac

Current Rating (A)	Cat No
25	GN3P25
32	GN3P32
40	GN3P40
50	GN3P50
63	GN3P63
80	GN3P80
100	GN3P100
125	GN3P125

Loadline G Frame Dimensions (mm)



Loadline G Frame MCCB Accessories

Auxiliary Equipment	Cat No
Auxiliary Switches	
One changeover contact	GA1
Two changeover contacts	GA2
Shunt Release assembly*	
24V dc	GST24
115V ac	GST115
230V ac	GST230
Accessories	
Dolly padlocking facility	GSPF
Padlock	XPL
Single pole terminal shroud	GS1
Triple pole terminal shroud	GS3



*Auxiliary equipment can only be fitted within triple pole devices. GA1 or GA2 cannot be fitted if shunt release is installed.

Loadline G Frame General Purpose MCCB Enclosures

- IP3X

Current Rating (A)	Frame Size	Cat No
25-125	G	LLGPG

Current Rating (A)	Height (mm)	Width (mm)	Depth (mm)
25 - 125	570	258	115



3 Pole units include neutral link assembly.

Loadline G Frame Sensel Earth Leakage Units

- Pre-wired, ready to install
- IP3X
- MCCB controlled via 240V shunt trip

Current Rating (A)	Frame size	3 Pole Cat No
32	G	SRBGN3P32
63	G	SRBGN3P63
100	G	SRBGN3P100
125	G	SRBGN3P125

Current Rating (A)	Height (mm)	Width (mm)	Depth (mm)
32 - 125	570	258	115



3 Pole units include neutral link assembly.

Loadline AA Frame MCCBs Icu 25kA



- Conforms to BSEN 60947-2
- Maximum cable size 25-100A = 70mm² & 125-200A = 150mm²
- Icu 25kA
- Operating voltage rating 415Vac

Current Rating (A)		1 Pole	3 Pole	3P & SwN
Max.	Min.	Cat No	Cat No	Cat No
25	17.5	LLBAA25	LLBAAT25	LLBAATN25
32	22.5	LLBAA32	LLBAAT32	LLBAATN32
40	28	LLBAA40	LLBAAT40	LLBAATN40
50	35	LLBAA50	LLBAAT50	LLBAATN50
63	44	LLBAA63	LLBAAT63	LLBAATN63
80	56	LLBAA80	LLBAAT80	LLBAATN80
100	70	LLBAA100	LLBAAT100	LLBAATN100
125	88	LLBAA125	LLBAAT125	LLBAATN125
160	112	LLBAA160	LLBAAT160	LLBAATN160
200	140	LLBAA200	LLBAAT200	LLBAATN200
200A Switch Disconnecter (Max 55°C)		LLSAA200	LLSAAT200	LLSAATN200

Switched neutral fitted to left hand side as standard.

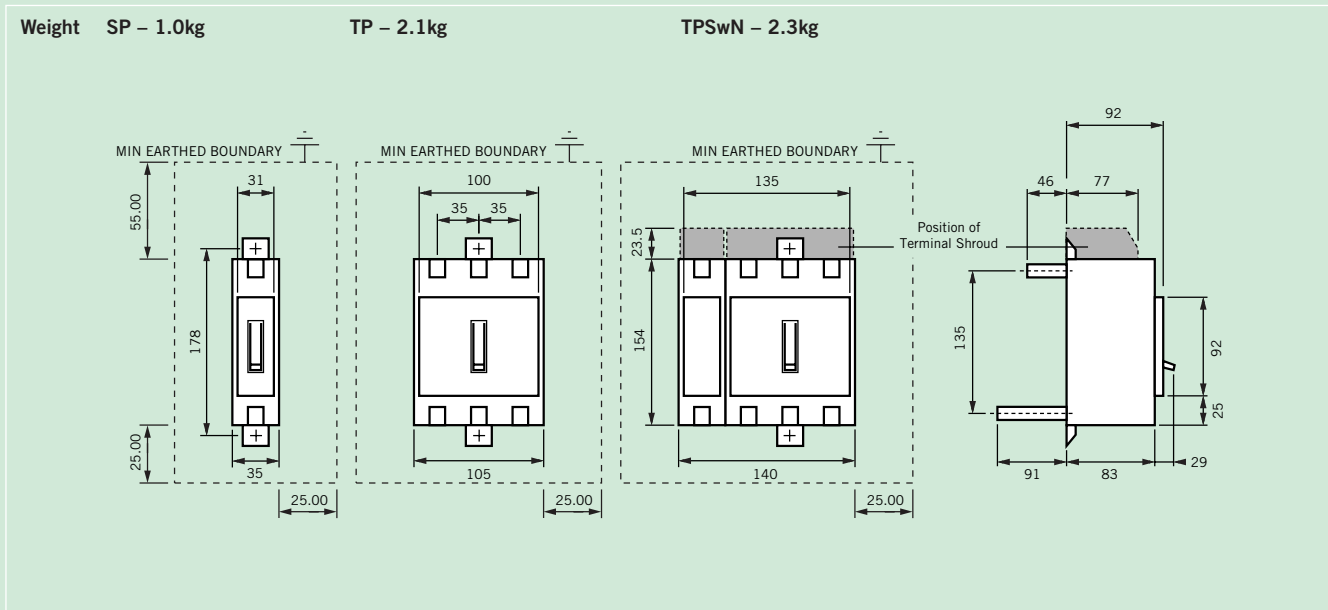
Loadline AM Frame MCCBs for High Inrush Currents (Motors) Icu 25kA



- Conforms to BSEN 60947-2
- Maximum cable size 50-100A = 70mm² & 125-200A = 150mm²
- Icu 25kA
- Operating voltage rating 415Vac

Current Rating (A)		3 Pole
Max.	Min.	Cat No
50	35	LLBAMT50
63	44	LLBAMT63
80	56	LLBAMT80
100	70	LLBAMT100
125	88	LLBAMT125
160	112	LLBAMT160
200	140	LLBAMT200
200A Switch Disconnecter (Max 55°C)		LLSAMT200

Loadline AA/AM Frame Dimensions (mm)



Loadline AA/AM Frame MCCB Accessories

Description	Rating (V ac)	Rating (V dc)	Cat No
Auxiliary Equipment			
Under voltage release		240	-
UVR (dual rating) with transformer		120 & 415	
Shunt release assembly		18/30	12/36
		31/63	37/51
		61/169	52/69
		170/299	70/99
		300/443	100/179
		444/550	180/250
Auxiliary Switches (two changeover contacts)		480	250
Rotary handles			
Direct mounting including padlocking facility			LLBABRH
			including cylinder lock LLBABRH1
			including Castell lock LLBABRH2
Remote mounting 300mm shaft and door interlock			LLBABRRH2/300
Accessories			
Dolly padlocking device			LLDLDA
Padlock for dolly locking device			LLDL
Back connection stud (pair) M12			LLBSAA
Single pole terminal shroud			LSTS1100
Triple pole terminal shroud			LSTS3100



Shunt Trips are supplied with 2 auxiliary switches, but utilise only 1, leaving 1 free.
UVRs are supplied with an external power pack (10VA).

Loadline AA/AM Frame General Purpose MCCB Enclosures

- IP3X

Current Rating (A)	Frame Size	1 Pole Cat No	3 Pole Cat No	3 P SwN Cat No
25 - 100	AA/AM	1LGPSAA100	3LGPSAA100	4LGPSAA100
125 - 200	AA/AM	1LGPSAA200	3LGPSAA200	4LGPSAA200

Dimensions (mm)				
Current Rating (A)	Frame Size	Height (mm)	Width (mm)	Depth (mm)
25 - 100	AA/AM	380	202	95
125 - 200	AA/AM	570	258	115



1 Pole and 3 Pole units include with neutral link assembly.

Loadline AA/AM Frame Sensel Earth Leakage Units

- Pre-wired, ready to install
- IP3X
- MCCB controlled via 240V shunt trip

MCCB Current Rating (A)	MCCB Frame Size	3 Pole Cat No	3 Pole SwN Cat No
25-200	AA	SRBAAT+++	SRBAATN+++
50-200	AM	SRBAMT+++	-
200	AA Switch Disconnecter	SRSAAT200	SRSAATN200
200	AM Switch Disconnecter	SRSAMT200	-

Dimensions (mm)			
MCCB Current Rating (A)	Height (mm)	Width (mm)	Depth (mm)
AA/AM Frame 25-200	570	258	115

3 Pole unit includes neutral link assembly.
+++ = Current Rating (A)



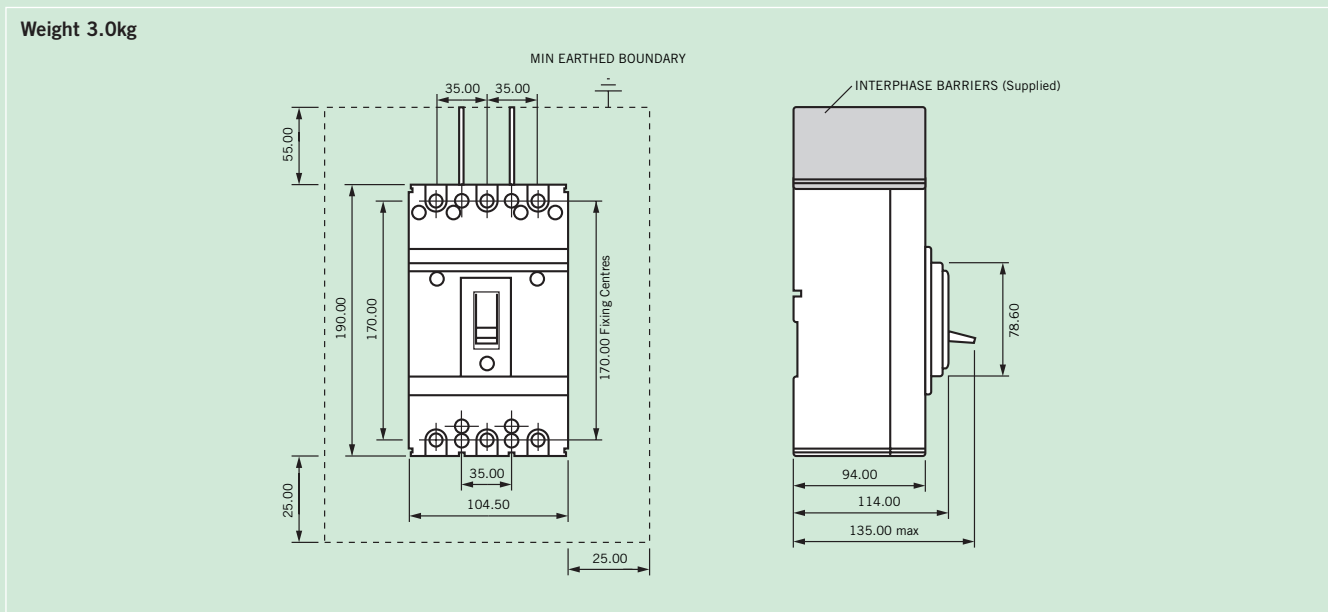
Loadline F Frame MCCBs Icu 35/50kA



- Conforms to BSEN 60947-2
- Maximum cable size 185mm² with cable clamps
- Icu 35/50kA
- Operating voltage rating 415Vac
- Terminals provided with M8 screws for cable lugs
- Cable clamps available as optional accessory

Current Rating (A)	35kA 3 pole Cat No	50kA 3 pole Cat No
25	FS3P25	FH3P25
32	FS3P32	FH3P32
40	FS3P40	FH3P40
50	FS3P50	FH3P50
63	FS3P63	FH3P63
80	FS3P80	FH3P80
100	FS3P100	FH3P100
125	FS3P125	FH3P125
160	FS3P160	FH3P160
200	FS3P200	FH3P200
250	FS3P250	FH3P250
Magnetic Trip Only (Max 55°C)		
250	FDS3P250	FDH3P250

Loadline F Frame Dimensions (mm)



Loadline F Frame MCCB Accessories

Auxiliary Equipment		Cat No
Auxiliary Switches	(One changeover contact)	FA1
	(Two changeover contacts)	FA2
Trip Indicator Switch	(One changeover contact)	FAT1
Rotary Handle		
Remote mounting (270mm panel depth) and door interlock		FRH270
Accessories		
3 Pole terminal shroud		FS3
Dolly padlocking facility		FSPF
Padlock		LLDL
3 Cable Clamps for upto 185mm ² cable		SFCC



Loadline F Frame General Purpose MCCB Enclosures

- IP4X
- Rotary handle facility with door interlock and padlock facility
- Trip indication on handle
- Integral spreader box
- Reversible door and box

Current Rating (A)	Frame Size	Cat No
25-250	F	LLGPF
Additional Cable Spreader Box		HB200CSB

Dimensions (mm)			
Current Rating (A)	Height (mm)	Width (mm)	Depth (mm)
25-250	525	315	235

3 Pole unit includes neutral link assembly.



Loadline CN Frame MCCBs Icu 32kA



- Conforms to BSEN 60947-2
- Icu 32kA
- Operating voltage rating 415Vac
- Adjustable overload and instantaneous trip settings
- Terminal extensions supplied for one end of MCCB

Current Rating (A)		3 Pole	3P SwN
max.	min.	Cat No	Cat No
250	175	LLBCNT250	LLBCNTN250
315	221	LLBCNT315	LLBCNTN315
400	280	LLBCNT400	LLBCNTN400
500	350	LLBCNT500	LLBCNTN500
630	441	LLBCNT630	LLBCNTN630
800	560	LLBCNT800	LLBCNTN800

Switch neutral fitted on left hand side unless requested right hand side

Loadline CH Frame MCCBs Icu 50kA



- Conforms to BSEN 60947-2
- Icu 50kA
- Operating voltage rating 415Vac
- Adjustable overload and instantaneous trip settings
- Terminal extensions supplied for one end of MCCB

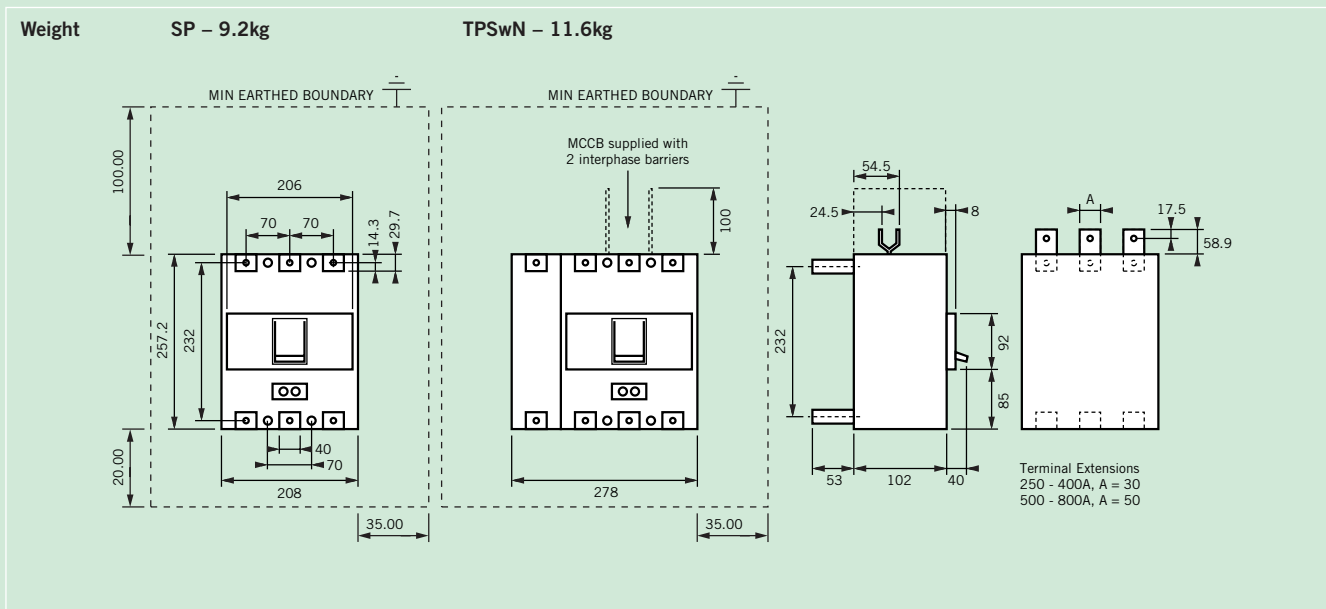
Current Rating (A)		3 Pole	3P & SwN
max.	min.	Cat No	Cat No
250	175	LLBCHT250	LLBCHTN250
315	221	LLBCHT315	LLBCHTN315
400	280	LLBCHT400	LLBCHTN400
500	350	LLBCHT500	LLBCHTN500
630	441	LLBCHT630	LLBCHTN630
800	560	LLBCHT800	LLBCHTN800

CH Frame Switch Disconnectors

400 (Max 55°C)	LLSCHT400	LLSCHTN400
630 (Max 55°C)	LLSCHT630	LLSCHTN630
800 (Max 55°C)	LLSCHT800	LLSCHTN800

Switch neutral fitted on left hand side unless requested right hand side.
Line supplied to top and load bottom for 50kA.

Loadline CN/CH Frame Dimensions (mm)



Loadline CN/CH Frame MCCB Accessories

Description	Rating (V ac)	Rating (V dc)	Cat No
Auxiliary Equipment			
Under voltage release	110	-	LLUVRC110
	240	-	LLUVRC240
	415	-	LLUVRC415
Shunt trip assembly	100/110	-	LLSTC110AC
	220/240	-	LLSTC240AC
	380/415	-	LLSTC415AC
	-	24/36	LLSTC36DC
Aux Switch (two changeover contacts)	480	250	LLASC2
Rotary handles (Direct mounting including padlocking facility)			
			LLBCDRH
			including cylinder lock LLBCDRH1
			including Castell lock LLBCDRH2
Remote mounting	300mm shaft and door interlock		LLBCDRRH2/300
Accessories			
Dolly padlocking device			LLDLDC
Padlock for dolly locking device			LLDLC
Dolly extension			LLDED
Back connection stud 315A (Pair) M16			LLBSC315
Back connection stud 400A (Pair) M16			LLBSC400
Back connection stud 630A (Pair) M16			LLBSC630
Cranked terminal extensions upto 800A (Set of 4)			LSXSE400



Shunt Trips are supplied with and utilise 1 auxiliary switch as a cut off to the coil supply.

Loadline CN/CH Frame General Purpose MCCB Enclosures

- IP3X

Current Rating (A)	Frame Size	3 Pole Cat No	3P & SwN Cat No
250 - 800	CN/CH	LLGPC08	4LGPSC

Dimensions (mm)

Current Rating (A)	Frame Size	Height (mm)	Width (mm)	Depth (mm)
250 - 800	CN/CH	975	340	165

3 Pole unit includes neutral link assembly.



Loadline CN/CH Frame Sensel Earth Leakage Units

- Pre-wired, ready to install
- IP3X
- MCCB controlled via 240V shunt trip

MCCB Current Rating (A)	MCCB Frame Size	3 Pole Cat No	3P & SwN Cat No
250-800	CN	SRBCNT+++	SRBCNTN+++
250-800	CH	SRBCHT+++	SRBCHTN+++
400	CH Switch Disconnector	SRSCHT400	SRSCHTN400
630	CH Switch Disconnector	SRSCHT630	SRSCHTN630
800	CH Switch Disconnector	SRSCHT800	SRSCHTN800

Dimensions (mm)

MCCB Current Rating (A)	Height (mm)	Width (mm)	Depth (mm)
CN/CH Frame 250A-800A	975	340	165

3 Pole unit includes neutral link assembly.
+++ = Current Rating (A)



Loadline D Frame MCCBs Icu 50kA



- Conforms to BSEN 60947-2
- Icu 50kA
- Operating voltage rating 415Vac
- Adjustable overload and instantaneous trip settings

Current Rating (A)	3 Pole with Rear Terminals Cat No	3 Pole with Front Terminals Cat No
600	LLBD600	LLBD600FF
800	LLBD800	LLBD800FF
1000	LLBD1000	LLBD1000FF
1250	LLBD1250	LLBD1250FF
1600	LLBD1600	LLBD1600FF
Switch Disconnecter		
1250 (Max 55°C)	LLSD1250	LLSD1250FF
1600 (Max 55°C)	LLSD1600	LLSD1600FF

Loadline D Frame MCCB Settings @ 50/60Hz

LLBD600/FF													LLBD1250/FF																				
Ambient Temp(°C)	Rating (A)	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	Ambient Temp(°C)	Rating (A)	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450
20			1	1	2	2	3	3	4	4	5	5	5	5	5	5	20			1	1	1	2	2	3	3	3	4	4	5	5	5	
25			1	1	2	2	3	3	4	4	5	5	5	5	5	5	25			1	1	2	2	2	3	3	4	4	5	5	5	5	
30			1	1	2	2	3	3	4	4	5	5	5	5	5	5	30			1	1	2	2	2	3	3	4	4	5	5	5	5	
35			1	1	2	2	3	3	4	4	5	5	5	5	5	5	35			1	1	2	2	3	3	4	4	4	5	5	5	5	
40			1	1	2	2	3	3	4	4	5	5	5	5	5	5	40			1	1	2	2	2	3	3	4	4	5	5	5	5	
45			1	1	2	2	3	3	4	4	5	5	5	5	5	5	45			1	1	2	2	3	3	3	4	4	5	5	5	5	
50			1	1	2	2	3	3	4	4	5	5	5	5	5	5	50			1	1	2	2	3	3	3	4	4	4	5	5	5	

LLBD800/FF													LLBD1600/FF																		
Ambient Temp(°C)	Rating (A)	450	500	550	600	650	700	750	800	850	900	950	Ambient Temp(°C)	Rating (A)	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600						
20				1	2	2	3	3	4	4	5	5	20										1	1	2	2	3				
25				1	1	2	2	3	4	4	5	5	25										1	1	2	2	3	3			
30				1	1	2	3	3	4	5	5	5	30										1	1	2	2	3	3	4		
35				1	2	2	3	4	4	5	5	5	35										1	1	2	2	3	3	4	4	
40				1	2	3	3	4	5	5	5	5	40										1	1	2	2	3	3	4	4	5
45				1	1	2	3	3	4	5	5	5	45										1	1	2	2	3	3	4	4	5
50				1	2	2	3	4	4	5	5	5	50										1	1	2	2	3	3	4	4	5

LLBD1000/FF													Instantaneous Trip Settings					
Ambient Temp(°C)	Rating (A)	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	Rating (A)	Low (A)	High(A)	
20			1	1	2	2	3	3	4	4	5	5	5	5	600		2500	8000
25			1	1	2	2	3	3	4	4	5	5	5	5	800		3000	9000
30			1	1	2	2	3	3	4	4	5	5	5	5	1000		4000	10000
35			1	1	2	2	3	3	4	4	5	5	5	5	1250		4000	10000
40			1	1	2	2	3	3	4	5	5	5	5	5	1600		4000	10000
45			1	1	2	3	3	4	4	5	5	5	5	5				
50			1	1	2	3	3	4	5	5	5	5	5	5				

Loadline D Frame Dimensions (mm)

Weights: Front flat terminals 19kg Rear terminals 17kg

FRONT FLAT TERMINALS			
Rating	A	B	C
600-1250	70	44.5	17
1600 only	84	64	21

Alternative 'T' type and front connected terminals shown

Rear terminals can be positioned either vertically or horizontally but vertical, as illustrated, is recommended to assist heat dissipation

Loadline D Frame MCCB Accessories

Description	Rating (V ac)	Rating (V dc)	Cat No
Auxiliary Equipment			
Under voltage release	220/240	-	LLUVRD240
UVR (dual rating)	110/120 & 380/440		LLUVRD440
Shunt trip assembly	18/30	12/36	LLSTD30
	31/63	37/51	LLSTD63
	61/169	52/69	LLSTD169
	170/299	70/99	LLSTD299
	300/443	100/179	LLSTD443
	444/550	180/250	LLSTD550
Aux Switch (two changeover contacts)	480	250	LLASD1
Aux Switch (four changeover contacts)	480	250	LLASD2
Rotary handle			
Direct mounting including padlocking facility			LLBCDRH
including cylinder lock			LLBCDRH1
including Castell lock			LLBCDRH2
Remote mounting 300mm shaft and door interlock			LLBCDRRH2/300
Accessories			
Padlocking device			LLDL1
Padlock for above device			LLDLE
Spare dolly extension			LLDED
Tripped position indicator switch (Factory fitted)			LLDTP1
Castell interlock			LLCLD



Shunt Trips are supplied with and utilise 1 auxiliary switch as a cut off to the coil supply. UVRs are supplied with an external power pack (10VA). For replacement trip units – please contact technical sales.

Loadline D Frame General Purpose MCCB Enclosures

- IP3X

Current Rating (A)	Frame Size	3 Pole Cat No
600 - 800	D front terms	LLGPD08
1000 - 1600	D rear terms	LLGPD16

Dimensions (mm)				
Current Rating (A)	Frame Size	Height (mm)	Width (mm)	Depth (mm)
600 - 800	D front terms	975	340	165
1000 - 1600	D rear terms	1111	762	328



3 Pole unit includes neutral link assembly.

Loadline D Frame Sensel Earth Leakage Units

- Pre-wired, ready to install
- IP3X
- MCCB controlled via 240V shunt trip

Current Rating (A)	MCCB Frame Size	3 Pole Cat No
D Frame 600A-1600A	D	SRD+++

Dimensions (mm)			
Current Rating (A)	Height (mm)	Width (mm)	Depth (mm)
D Frame 600A-1600A	1111	762	328

3 Pole unit includes neutral link assembly. +++ = Current Rating (A)



Loadline E Frame MCCBs

Icu 50kA



- Conforms to BSEN 60947-2
- Icu 50kA
- Operating voltage rating 600V ac
- Adjustable overload and instantaneous trip settings

Current Rating (A)	Cat No
1600	LLBE1600
2000	LLBE2000
2500	LLBE2500
3200	LLBE3200

Switch Disconnector	
2000 (Max 55°C)	LLSE2000
3200 (Max 55°C)	LLSE3200

3 Pole with rear terminals

Loadline E Frame MCCB Settings @ 50/60Hz

LLBE1600

Ambient Temp(C°)	Rating (A)	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
20					1	1	2	2	3	4	4	5
25					1	2	2	3	3	4	5	5
30				1	2	2	3	3	4	5	5	
35		1	1	2	2	3	4	4	5			
40		1	2	2	3	3	4	5	5			
45	1	1	2	3	3	4	5	5				
50	1	2	2	3	4	4	5					

LLBE2000

Ambient Temp(C°)	Rating (A)	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
20						1	2	2	3	3	4	4	5	5	5
25					1	1	2	2	3	3	4	4	5	5	5
30				1	1	2	2	3	3	4	4	5	5		
35			1	1	2	2	3	3	4	4	5	5			
40		1	1	2	2	3	3	4	4	5	5				
45	1	1	2	2	3	3	4	4	5	5					
50	1	1	2	2	3	3	4	4	5	5					

LLBE2500

Ambient Temp(C°)	Rating (A)	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100
20					1	1	1	2	2	3	3	3	4	4	5	5	5
25				1	1	2	2	3	3	3	4	4	5	5	5		
30			1	1	2	2	3	3	3	4	4	5	5	5			
35	1	1	1	2	2	3	3	3	4	4	5	5	5				
40	1	1	2	2	3	3	3	4	4	5	5	5					
45	1	2	2	3	3	3	4	4	5	5	5						
50	2	2	3	3	3	4	4	5	5	5							

LLBE3200

Ambient Temp(C°)	Rating (A)	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
20								1			
25								2			
30						1		2			
35					1	2		2			
40				1	2	2		3			
45		1	2	2	3	3		4			
50		1	2	2	3	4		4			

Instantaneous Trip Settings

Rating (A)	Low (A)	High(A)
1600	4000	10000
2000	4000	10000
2500	5000	10000
3200	5000	10000

Loadline E Frame MCCB Accessories

Description	Rating (V ac)	Rating (V dc)	Cat No
Auxiliary Equipment			
Under voltage release	240	-	LLUVRE240
	415	-	LLUVRE415
Shunt trip assembly	110	-	LLSTE110AC
	200/240	-	LLSTE240AC
	415	-	LLSTE415AC
	-	36	LLSTE36DC
Aux Switch (two changeover contacts)	480	250	LLASE2
Aux Switch (four changeover contacts)	480	250	LLASE4
Accessories			
Padlocking device			LLEL1
Padlock for above device			LLDLE
Spare dolly extension			LLDEE
Castell interlock			LLCLE
Tripped position indicator switch			LLETP1



Shunt Trips are supplied with and utilise 1 auxiliary switch as a cut off to the coil supply. UVRs are supplied with an external power pack (10VA). For replacement trip units – please contact technical sales.

E Frame

Weight 67kg

