

Enclosures

Data Sheet V1.2

LIVION

THE NEW STANDARD



Livion series enclosures

CE

UK
CA

CB

RoHS

The SEP distribution boards type Livion are designed for modular assembly in residential and light commercial installations. Depending on the type, the enclosures are available with 1,2 or 3 rows of 12 or 6 modules each row. Each unit is supplied as standard with a robust frame, door, earth bar, terminal holder and integrated conduit entry to ensure fast and tidy installation

For additional flexibility, the enclosures can be equipped with various optional accessories, including side entries, gland or cable entry plates, sealing kits, phase blocks and TS15 suitable for mounting MRK terminal blocks. The enclosures can be coupled both horizontally and vertically, allowing easy configuration of extended assemblies.

All components are manufactured from high-quality materials and comply with applicable standards for safety, durability and electrical continuity.

Application benefits

- Modular design with 1,2 or 3 rows (6 or 12 modules each row) for flexible configuration
- Standard equipped with conduit entry, single cable entry, transparent door, frame, earth bar and terminal holder.
- Additional installation depth provides extra space for heavy internal wiring and accessories
- Quick and clean installation with pre-assembled components.
- Optional, side, gland or cable entry plates for customized wiring setup
- Horizontal and vertical coupling for extended assemblies
- Durable, impact-resisting housing made of high-grade insulating material
- Designed for residential and light commercial installations
- Fully compliant with IEC/EN 62208 and relevant European standards

Livion series enclosures

Technical Data



Type				DB	
	Standards			IEC/EN62008, IEC/EN61439-1-1, IEC/EN61439-1-3	
	Certification			CE, UKCA, CB	
	Country of origin			CN	
	RoHS Compliance Status			Compliant, No Exemption	
Electrical features	Nominal voltage	Un	V	230-400	
	Nominal current	In	A	63 (100)	
	Insulation voltage	Ui	V	1000	
	Number of rows			1, 2, 3	
	Number of modules each row			6, 12	
	DIN rail type			Frame with 35mm device rail (DIN)	
	Earth connection bar			Included	
	Phase connection bar			Optional – TS15 rail prepared on frame	
	Entries			(flexible) tube input / cable / gland	
	Operating temperature (with daily average $\leq +35$ °C)		°C	-25... +80	
	Humidity		%	50-90	
Mechanical features	Material			PA66	
	Housing	Black			Insulation group I - II, RAL 9005
	Door	Transparent black			Insulation group I - II, RAL 9005
	Frame	Dark grey			Insulation group I - II, RAL 7012
	Fixture	Green			Insulation group I - II, RAL 6018
	Other parts	Black			Insulation group I - II, RAL 9005
	Connection screws	Black			Insulation group I - II, RAL 9005
	Flammability class (UL94)			V0	
	Protection degree acc. to EN 60529			IP30	
	Ambient temperature (with daily average $\leq +35$ °C)		°C	-25... +70	
	Storage temperature		°C	-40... +80	
	Pollution degree			2	
	Installation	Environment			Inside
Installation class				1	
EMC type				B	
Installation type				Surface mounted	
Linkable				Horizontal and vertical	
Mounting position				Any	
Mounting position				Any	

Livion series enclosures

Order codes (single row)

Product information

Type	
Rows	
Modules each row	
Total modules	
Raised conduit entry	
Dimensions (mm)	
Weight (kg)	

Possible power loss

Kelvin	
Power loss at height (W)	100%
	50%

Ordering data

Version



DB-106	
Rows	1
Modules each row	6
Total modules	6
Raised conduit entry	○
Dimensions (mm)	W=115.0 H=250.0 D=143.5
Weight (kg)	0,76

10	15	20	25	35
3,6	5,9	8,4	11,1	13,9
4,7	7,8	11,1	14,7	18,4

QTY	Order number
1/22	2118000010



DB-106E	
Rows	1
Modules each row	6
Total modules	6
Raised conduit entry	●
Dimensions (mm)	W=115.0 H=302.0 D=143.5
Weight (kg)	0,92

10	15	20	25	35
4,2	7	10	13,2	16,5
5,6	9,3	13,3	17,5	21,9

QTY	Order number
1/19	2118000100

Product information

Type	
Rows	
Modules each row	
Total modules	
Raised conduit entry	
Dimensions (mm)	
Weight (kg)	

Possible power loss

Kelvin	
Power loss at height (W)	100%
	50%

Ordering data

Version



DB-112	
Rows	1
Modules each row	12
Total modules	12
Raised conduit entry	○
Dimensions (mm)	W=220.0 H=250.0 D=143.5
Weight (kg)	1,16

10	15	20	25	35
5,4	8,9	12,7	16,8	21
6,7	11,2	15,9	21	26,4

QTY	Order number
1/12	2118000040



DB-112E	
Rows	1
Modules each row	12
Total modules	12
Raised conduit entry	●
Dimensions (mm)	W=220.0 H=302.0 D=143.5
Weight (kg)	1,38

10	15	20	25	35
6	10	14,3	18,9	23,7
7,7	12,8	18,3	24,2	30,4

QTY	Order number
1/8	2118000130

Livion series enclosures

Order codes (double row)

Product information

Type	
Rows	
Modules each row	
Total modules	
Raised conduit entry	
Dimensions (mm)	
Weight (kg)	

Possible power loss

Kelvin (K)	
Power loss at height	100%
(W)	50%

Ordering data

Version



DB-212		
Rows	2	
Modules each row	6	
Total modules	12	
Raised conduit entry	○	
Dimensions (mm)	W=115.0	H=375.0 D=143.5
Weight (kg)	0,99	

10	15	20	25	35
4,9	8,1	11,6	15,3	19,3
6,5	10,8	15,5	20,4	25,6

QTY	Order number
1/16	2118000020



DB-212E		
Rows	2	
Modules each row	6	
Total modules	12	
Raised conduit entry	●	
Dimensions (mm)	W=115.0	H=427.0 D=143.5
Weight (kg)	1,15	

10	15	20	25	35
5,5	9,2	13,1	17,3	21,7
7,4	12,2	17,4	23,0	28,9

QTY	Order number
1/14	2118000110

Product information

Type	
Rows	
Modules each row	
Total modules	
Raised conduit entry	
Dimensions (mm)	
Weight (kg)	

Possible power loss

Kelvin	
Power loss at height (W)	100%
	50%

Ordering data

Version



DB-224		
Rows	2	
Modules each row	12	
Total modules	24	
Raised conduit entry	○	
Dimensions (mm)	W=220.0	H=375.0 D=143.5
Weight (kg)	1,54	

10	15	20	25	35
7	11,6	16,6	21,9	27,4
9,1	15,1	21,7	28,6	35,9

QTY	Order number
1/8	2118000050



DB-224E		
Rows	2	
Modules each row	12	
Total modules	24	
Raised conduit entry	●	
Dimensions (mm)	W=220.0	H=427.0 D=143.5
Weight (kg)	1,79	

10	15	20	25	35
7,7	12,7	18,2	24	30,1
10,1	16,7	23,9	31,5	39,5

QTY	Order number
1/8	2118000140

Livion series enclosures

Order codes (triple row)

Product information

Type
Rows
Modules each row
Total modules
Raised conduit entry
Dimensions (mm)
Weight (kg)

Possible power loss

Kelvin (K)
Power loss at height
(W)

Ordering data

Version



DB-318
3
6
18
○
W=115.0 H=500.0 D=143.5
1,27

10	15	20	25	35
6,2	10,3	14,8	19,5	24,5
8,3	13,8	19,7	26	32,6

QTY	Order number
1/11	2118000030



DB-318E
3
6
18
●
W=115.0 H=552.0 D=143.5
1,42

10	15	20	25	35
6,8	11,3	16,2	21,3	26,8
9,1	15,0	21,5	28,4	35,6

QTY	Order number
1/11	2118000120

Product information

Type
Rows
Modules each row
Total modules
Raised conduit entry
Dimensions (mm)
Weight (kg)

Possible power loss

Kelvin
Power loss at height (W)
50%

Ordering data

Version



DB-336
3
12
36
○
W=220.0 H=500.0 D=143.5
1,96

10	15	20	25	35
8,6	14,3	20,4	27	33,8
11,4	18,9	27	35,7	44,8

QTY	Order number
1/6	2118000060



DB-336E
3
12
36
●
W=220.0 H=552.0 D=143.5
2,21

10	15	20	25	35
9,3	15,5	22,1	29,2	36,6
12,4	20,5	29,3	38,7	48,6

QTY	Order number
1/6	2118000150

Livion series enclosures

Order codes (6 way enclosures accessories)



Product information

Type	DB-B06
Description	Closed entry plate
Number of entries	-
Size of entries	-
Weight (kg)	0,019

Type	DB-1G06
Description	Gland- opening
Number of entries	1
Size of entries	M32
Weight (kg)	0,019

Type	DB-2G06
Description	Gland- opening
Number of entries	2
Size of entries	M20 (2)
Weight (kg)	0,019

Ordering data

Version	QTY	Order number
	1/10	2118001020

Version	QTY	Order number
	1/10	2118001030

Version	QTY	Order number
	1/10	2118001080



Product information

Type	DB-1C06
Description	Cable- opening
Number of entries	1
Size of entries	Ø 40mm
Weight (kg)	0,030

Type	DB-2T06
Description	Tube entry set
Number of entries	4 (2x2)
Size of entries	16/19mm
Weight (kg)	0,072

Type	DB-E06
Description	Raised entry
Number of entries	-
Size of entries	For parts of 6 way
Weight (kg)	0,15

Ordering data

Version	QTY	Order number
	1/10	2118001010

Version	QTY	Order number
	1/10	2118001000

Version	QTY	Order number
	1/48	2118000070

Livion series enclosures

Order codes (12 way enclosures accessories)



Product information

Type
Description
Number of entries
Size of entries
Weight (kg)

DB-B12
Closed entry plate
-
-
0,036



DB-1C12
Cable- opening
1
Ø 40mm
0,048



DB-2C12
Cable- opening
2
Ø 40mm (2)
0,055

Ordering data

Version

QTY	Order number
1/10	2118001190

QTY	Order number
1/10	2118001170

QTY	Order number
1/10	2118001180



Product information

Type
Description
Number of entries
Size of entries
Weight (kg)

DB-2G12
Gland- opening
2
M32 (2)
0,035



DB-3G12
Gland- opening
3
M25 (2) , M32 (1)
0,037



DB-4G12
Gland- opening
4
M20 (4)
0,037

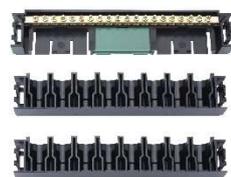
Ordering data

Version

QTY	Order number
1/10	2118001200

QTY	Order number
1/10	2118001280

QTY	Order number
1/10	2118001360



Product information

Type
Description
Number of entries
Size of entries
Weight (kg)

DB-2T12
Tube entry set
16 (2x8)
16/19mm
0,168



DB-E12
Raised entry
-
For parts of 12 way
0,25

Ordering data

Version

QTY	Order number
1/10	2118001160

QTY	Order number
1/44	2118000080

Livion series enclosures

Order codes (accessories)



Product information

Type
Description
Number of entries
Size of entries
Weight (kg)

DB-1GS
Side entry plate
1
M20
0,004

DB-F20
Terminal holder
-
-
0,005

DB-S20
DIN-rail cover
6
-
??

Ordering data

Version

QTY	Order number
1/20	2118001510

QTY	Order number
1/20	2118001470

QTY	Order number
1/20	2118001480



Product information

Type
Description

DB-LCK
Locking set

DB-B100
Connection part

Ordering data

Version

QTY	Order number
1/10	2118001490

QTY	Order number
1/100	2118001500



Phase block (1ph)	
Brown	4x 16
Blue	4x 16
Green	3x 16

Phase block (1ph)	
Brown	5x 16
Blue	5x 16
Green	3x 16

Phase block (3ph)	
Brown	4x 16
Black	4x 16
Grey	4x 16
Blue	4x 16
Green	4x 16

Phase block (3ph)	
Brown	5x 16
Black	5x 16
Grey	5x 16
Blue	5x 16
Green	2x 16

Ordering data

QTY	
1/10	2119690001

Ordering data

QTY	
1/10	2119690002

Ordering data

QTY	
1/10	2119690011

Ordering data

QTY	
1/10	2119690012

Livion series enclosures

Order codes (accessories)



Product information

Type
Color
Type

Ordering data

Version	Type
M20	
M25	
M32	

Cable glands

Color	Black
Type	Metric

Block gland

Color	Black
Type	Metric

Lock nut

Color	Black
Type	Metric

QTY	Order no.
1/100	2530000040
1/50	2530000050
1/50	2300000060

QTY	Order no.
1/200	2350000120
1/200	2350000130
1/200	2350000140

QTY	Order no.
1/200	2530000150
1/200	2530000160
1/200	2530000170



Product information

Type
Color
Type

Ordering data

Version	Type
M20 (AD18,5)	
M20 (AD21,2)	
M25 (AD28,5)	
M32 (AD34,5)	

Flexible tube gland

Color	Black
Type	Metric

Curving tube gland

Color	Black
Type	Metric

NBR-plug

Color	Black
Type	Metric

QTY	Order no.
1/100	2530000070
1/100	2530000080
1/50	2530000090
1/50	2530000100

QTY	Order no.
1/100	2530000110

QTY	Order no.
1/200	2530000010
1/200	2530000020
1/200	2530000030