

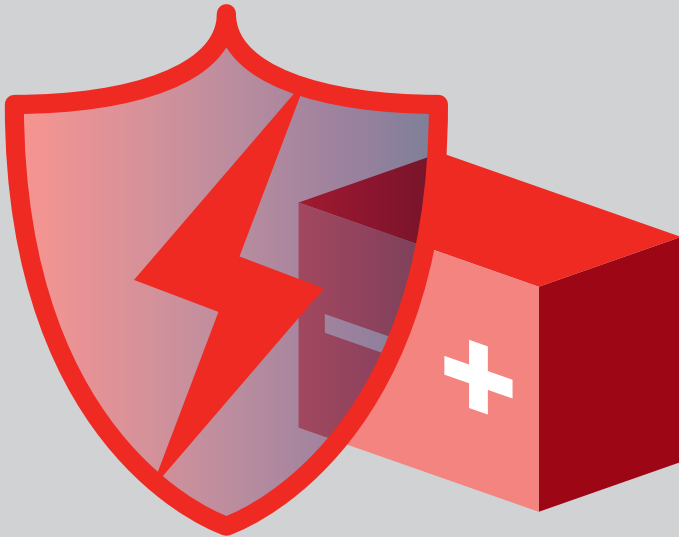
Protection Box

FIAMM
+ -

**Protect batteries
against short circuits**

**Standard
&
Custom
Solution**

**Compact
Design**

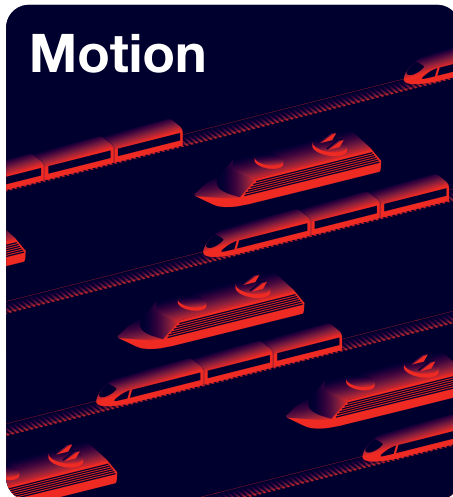


**Lock key
for
authorised
personnel
access only**

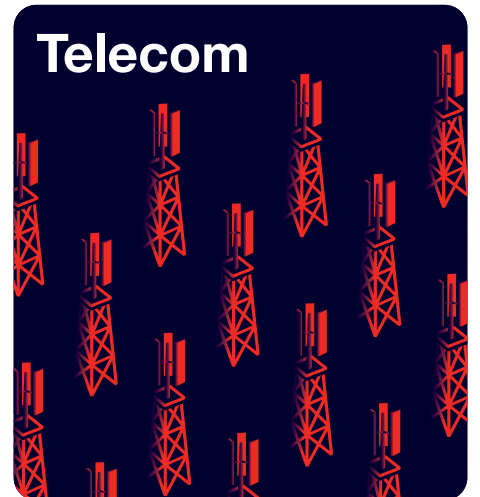
Industry



Motion



Telecom



Protection Box

Protect and disconnect batteries

FIAMM developed a range of protection boxes to safely disconnect batteries from DC load and to protect the installation in case of short circuit.

FIAMM protection boxes includes fuse protections, three-pole switches (systems up to 230Vdc) or four-pole switches (systems up to 600Vdc).

Fuse and switches are available in standard configurations from 80A to 800A and in custom made cabinet up to 2000A.

Protection boxes may be applied to all VRLA batteries.

Material description:

Protection Boxes are design according to EN 61439-1 and EN 61439-2 standards.

Protection boxes' frame is made of 15/10mm steel with IP65 insulation index.

The structure is design and provided with plates to be secured to the wall.

Protection boxes are equipped with a special lock to allow only qualified personnel to access with the key.

Protection Boxes are safely grounded (M8/M12).

Color available: Grey RAL7035.

Protection Box with Switches included

Box type	V max	Poles	Nominal dimension (mm)			Fuse Type	Fuse Gg (size From - To)
			Length	Height	Depth		
3x100A	230	3	250	300	160	22x58	4A-100A
3x160A	230	3	300	400	200	NH0	32A - 160A
3x250A	230	3	400	500	200	NH1	80A - 250A
3x400A	230	3	600	600	250	NH2	125A - 400A
3x630A	230	3	800	800	300	NH3	315A - 630A
3x800A	230	3	800	1000	300	NH4	630A - 800A
4x100A	600	4	300	400	160	22x58	4A-100A
4x160A	600	4	300	400	200	NH0	32A - 160A
4x250A	600	4	500	500	200	NH1	80A - 250A
4x400A	600	4	600	800	250	NH2	125A - 400A
4x630A	600	4	800	1000	300	NH3	315A - 630A
4x800A	600	4	800	1000	300	NH4	630A - 800A

Protection Box - Switches not included

Box type	V max	Poles	Nominal dimension (mm)			Fuse Type	Fuse Gg (size From - To)
			Length	Height	Depth		
2x160A	1000	2	300	380	120	NH0	4A - 160 A
2x250A	1000	2	515	650	250	NH1	40A - 250A

Protection Box is suitable for the following ranges



FHB



FLB



SLA



FIT



FHT²