LOVAG CB	Id Code	Name	Address	Observer
ACAE (Italy)	IZ 01	Bticino S.p.A.	Zucchini Via XXV Aprile, 10 I-25080 Muscoline (BS)	Davide Di Giorgio

LOVAG Scheme Scope

Main Standards in the **LOVAG Scheme**

	Category	Standards	Description
☐	POW	IEC/EN 60947-1	Low-voltage switchgear and controlgear
☐	POW	IEC/EN 60947-2	Circuit-breakers
☐	POW	IEC/EN 60947-3	Switches, disconnectors, switch-disconnectors and fuse-combination units
☐	POW	IEC/EN 60947-4-1	Electromechanical contactors and motor starters
☐	POW	IEC/EN 60947-5-1	Auxiliary Switch
☐	POW	IEC/EN 60439-1 IEC/EN 61439-1 & IEC/EN 61439-2	Low-voltage switchgear and controlgear assemblies Part 2: Power switchgear and controlgear assemblies
☒	POW	IEC/EN 61439-1 & IEC/EN 61439-6	Low-voltage switchgear and controlgear assemblies Part 6: Busbar trunking systems (busways)

General Overview of Scope of tests (*)

	Type of tests:	Test description:	Maximum Test limits:
☐	Hight-current tests	☐ Short-circuit switching capacity	
		☐ AC	Voltage : V / Current : kA
		☐ DC	Voltage : V / Current : kA
		☐ Overload switching capacity	
		☒ AC	Voltage : V / Current : kA
		☐ DC	Voltage : V / Current : kA
		☐ Making/breaking capacity	
		☐ AC	Voltage : V / Current : A
		☐ DC	Voltage : V / Current : kA
		☐ Short-time withstand current	Current : kA Time : s
		☐ Impulse withstand current	Current : kA
		☐ Arc fault withstand capacity	Energy : kA²s
☒	Insulation tests	☒ High voltage	Voltage : **6 kV ac**
		☒ Impulse withstand voltage	Voltage : **12 kV ac**
		☒ Minimun Leakage current detection	Current : **250 mA**
☒	Temperature-rise tests	☒ AC / ☐ DC max. current	Current : **5000 A** / Current : A
		☒ Minimum Impedance measurement	Ω
☐	Tripping behaviour	☐ AC / ☐ DC max. current	Current : A / Current : A
☒	Lifespan	☒ Mechanical lifespan	
		☐ Electrical durability:	
		☐ AC	Voltage : V Current : A
		☐ DC	Voltage : V Current : A
☐	Mechanical properties of terminals		
☐	EMC tests		
☐	Climatic tests		
☐	Vibration and shock tests		
☐	Degree of protection tests	☐ IP-code (water and solid bodies)	IP
		☐ IK-code (impact resistance of enclosures)	IK

(*) The provided technical information are not contractual and could be different, according to the relevant test specifications of a specific product standard.

For more technical specifications or details, please refere to laboratory documentations or website.