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1. **Functionality of SACE PR010/T test unit used with SACE PR112 protection release Lippendorf version 2.0**

Software version dedicated to Lippendorf PR112 unit has got the following additions:

- S protection has got:
  - 75 thresholds
  - 43 tripping times, constant let-through energy curves
  - 44 tripping times, constant time curves
- I protection has got 91 thresholds
- It is possible to test the zone selectivity function  
(test activates k51/Zout output)

## 2. Operation mode menu tree

Menù level												
1°	2°	3°	4°	5°	6°	7°	8°	9°				
1. Selection DUT ( PR112 LIPPENDORF)	1. Operation mode	1. Test	1. Protection	1. Automatic	Start test				Create a report			
				2. Manual	1. Default setting	Start test						
				2. User setting	Set Parameters	Start test						
				2. Electronic linst	Start test							
			3. Trip test	Start test								
			4. Zone selectivity	Start test								
			1. Ammeter	Read corrents								
			2. Configuration / Param.	1. DUT configur.	Display DUT configuration							
				2. DUT Param.	Display DUT protection parameters							
				3. Default parameter	1. Only for test	1. DUT Configuration	Display DUT default Configuration					
						2. DUT Parameters	Display DUT default parameters					
					2. For operation	1. DUT Configuration	Display DUT default Configuration					
						2. DUT Parameters	Display DUT default parameters					
			3. Information	Read release name and SW version								
			3. Programming	1. Change parameter	1. DUT Configuration	Change DUT configuration parameter						
				2. DUT Param.	2. DUT Param.	Change DUT protection parameter						
				2. Download default	Program DUT with default parameters for normal operation							
				3. Define default	1. Only for test	1. Configuration DUT	Define DUT configuration parameter					
						2. DUT parameter	Define DUT protection parameter					
					2. For operation	1. DUT Configuration	Define DUT configuration parameter					
						2. DUT Parameter	Define DUT protection parameter					