



Questionnaire Regarding the Use of UFCL-limiter

Client Information

Name	Title
Phone	Email
Company Name	Department

Data required for the design and quotation of a UFCL-limiter

1. Project information

Project name	Project stage
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2. System information

Rated frequency	Breaking capacity of VCB
Operating voltage	Maximum prospective short-circuit current
Rated voltage	

3. Which parts of the system requiring protection

4. Ratings of UFCL-limiter required

Operating voltage	Operating current
Rated voltage	Rated current
Rated frequency	Breaking capacity
Quantity required	

5. We are able to deliver the UFCL-limiter in different designs, which design do you need?

- UFCL mounted as loose equipment indoor
- UFCL mounted as loose equipment outdoor
- UFCL in a cubicle , fixed mounted

6. Installation requirements

- It must be possible to isolate the UFCL-limiter so that the UFCL inserts can be replaced after operation of the device.
- A circuit breaker must be installed in series with the UFCL-limiter (except in cases where the UFCL is installed in parallel to a reactor).

7. In order to quote, please provide following documents:
- Single line diagram of the system.
 - Short-circuit calculation and analysis.
8. In order to calculate the tripping and setting values we need:
- Single line diagram of the system.
 - Initial symmetrical short-circuit current I_k'' of generators, transformers, the grid, motor contribution.
 - The permissible short-circuit current of the switchboard.
 - Rated power of motors over 2 MW connected to the same voltage level on which the UFCL-limiter is installed.
 - Rated capacity of capacitor banks and the inductance in series connected to the same voltage level on which the UFCL-limiter is installed.
 - Rated power of the biggest transformer, energised from the same voltage level where the UFCL-limiter is located.
9. Note:
- Points 1 to 6 above must be answered for an inquiry to proceed.
10. Any other relevant information about the project:



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