TBL is a remote monitoring system that keeps under control the most important parameters of HV module; a special application to monitor all the apparatus in the switchyard can be supplied. This device can be installed within the equipment control cubicle or in a dedicated panel. The automatic check of the monitored parameters against the predefined thresholds is performed by dedicated diagnostic software customized on the equipment standard rating. The activation of any warning can be assessed locally by customers or remotely from the ABB Service Monitoring Room through the Assistance Contract. The main purpose of a monitoring system is to arrange an on-line monitoring of parameters in order to reduce the risk of critical situations to activate proactive interventions in case of need.

Main set of parameter verified:
- Gas pressure
- Ambient temperature
- Voltage/Current signals from opening/closing coils
- Signals from encoder of poles positions
- Phase current signals
- Current and voltage waveform recordings
- Signals from auxiliary poles contacts
- Current signals from motor spring charge
- Monitoring opening/closing of breaker

ABB offers
- Supply & installation in site of TBL device wired in a local control cubicle
- Assistance contract for remote monitoring designed on customer's needs
  - Monitoring Period
  - Reaction time
  - Reporting frequency
  - ...
Following the customer’s requirements, ABB will conduct a survey in order to determine technical-logistic details about local installation.

Installation outside Italian territory is subject to availability of local business unit.

For further information, please contact:

**Sales reference contacts**

Enrico Corrado  
Sales Manager - Service PPHV  
e-mail: enrico.corrado@it.abb.com

ABB S.p.A.  
Power Products Division  
Unità Operativa Adda-HV  
Via dei Ceramisti, snc  
I-26900 Lodi  
Tel: +39 0371 452.1  
Fax: +39 0371 452.222

www.abb.it

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